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University Calendar

1918.

February 4.	Second Semester begins.
February 22.	Washington's Birthday.
February 22-23-24.	Annual Retreat for Professional Schools.
February 26.	Disputations—Divinity and Philosophy.
March 20.	Intercollegiate English Contest—Collegiate.
March 21.	Catechetical Essay announced.
March 23.	Elocution Preliminaries.
March 23.	Annual Retreat for Arts and Science Department.
March 25.	Easter Recess.
April 2.	Classes resumed.
April 8.	Intercollegiate Latin Contest.
April 9.	Philosophical Essay announced.
April 17.	Quarterly Assembly.
May 2.	Senior Elocution Contest.
May 13.	Senior Medical Examinations begin.
May 23.	Examinations—Medical and Dental Students.
May 27.	Senior Examinations—Collegiate.
May 27.	Summer Session begins—Medical.
May 30.	Decoration Day.
May 31.	Closing Exercises of the Sodalities.
June 1.	Annual Commencement of St. Louis U.—All Departments.
June 5.	Annual Examinations—Collegiate.
June 8.	Annual Examinations—Divinity and Philosophy.
August 27-28.	Examinations for Conditioned Students.
September 13.	Registration—Arts and Sciences.
September 14.	Solemn Mass of the Holy Ghost.
September 14.	Session begins—Arts and Sciences.
September 16.	Session begins—Night Law School.
September 16.	Sodalities reorganize.
September 18.	Literary Societies reorganize.
September 23.	Session begins—Day Law School.
October 1.	Session begins—Medical and Dental Schools.

October 1.	Session begins—Commerce and Finance.
November 12.	Solemn Requiem Mass for deceased Professors and Students.
November 13.	Quarterly Assembly.
November 15.	Second Quarter begins.
November 23.	Disputations—Divinity and Philosophy.
November 28.	Thanksgiving Day.
December 3.	St. Francis Xavier—Patron of the University.
December 23.	Christmas Recess begins.

1919

January 3.	Classes resumed.
January 23.	President's Day.
January 24.	Mid-Year Examinations.

A. M. D. G.

St. Louis University

This institution, controlled and directed by the Fathers of the Society of Jesus, was incorporated as a University under the act of the Legislature of the State of Missouri, December 28, 1832, under the corporate title of

"ST. LOUIS UNIVERSITY,"

and empowered to confer degrees and academical honors in all the learned professions; and generally "to have and enjoy all the powers, rights and privileges exercised by literary institutions of the same rank."

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Professor of Dental Pathology.
- JOSEPH J. REILLY, A. B., M. D., Wall Building.
Instructor in Medicine.
- REV. WM. F. ROBISON, S. J., University.
Professor of Dogmatic Theology.
- JOHN B. RENO, A. M., LL. B., Institute of Law.
Elementary Law, Sales, Statute of Frauds, Common Law
Pleading, Domestic Relations, Real Property.
- JOHN E. RILEY, D. R. Francis, Bro. & Co.
Lecturer on Investments.
- ALEXANDER H. ROBBINS, LL. B., Institute of Law.
Domestic Relations, Advocacy, Contracts, Partnership,
Insurance, Conflict of Laws.
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Professor of Orthodontia.
- THEODORE H. ROMEISER, M. D., Metropolitan Building.
Instructor in Mental and Nervous Diseases.
- HERMAN CHARLES ROSS, A. B., M. D., 2125 Obea Avenue.
Assistant in Medicine.
- REV. ALOYSIUS J. ROTHER, S. J., University.
Professor of Logic and Ontology.
- GEORGE RUEPPEL, S. J., University.
Assistant Librarian.
- HENRY J. SCHERCK, B. S., M. D., Century Building.
Assistant Professor of Genito-Urinary Diseases.

- W. W. SCHIEK, LL. B., Loose-Wiles Biscuit Co.
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Professor of Surgery.
- EUGENE T. SENSENEY, A. B., M. D., Lister Building.
Instructor in Ear, Nose and Throat Diseases.
- JAMES W. SHANKLAND, D. M. D., M. D., Metropolitan Bldg.
Instructor in Surgery.
- REV. JAMES J. SHANNON, S. J., University.
Professor of Physics.
Vice-Dean of School of Philosophy and Science.
- PHIL SHERER, M. D., 1701a South Broadway.
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- NORVELLE W. SHARPE, M. D., 3520 Lucas Ave.
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- JAMES MOORE SMITH, M. D., Metropolitan Building.
Assistant in Nose, Throat and Ear Diseases.
- J. SHEPPARD SMITH, D. R. Francis, Bro. & Co.
Lecturer on Investments.

- REV. JOSEPH L. SPAETH, S. J., University.
Professor of Dogmatic Theology and Hebrew.
- REV. MICHAEL I. STRITCH, S. J., University.
Professor of Special Metaphysics and History of Philosophy.
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Instructor in Pharmacology.
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Assistant Professor of Obstetrics and Gynecology.
- J. LOUIS SWARTS, A. B., M. D., Wall Building.
Assistant in Pediatrics.
- FRANK J. TAINTER, M. D., St. Charles, Mo.
Assistant Professor of Anatomy.
- JACOB E. THOMAS, 1402 S. Grand Avenue.
Assistant in Physiology.
- WILLIAM M. TOMPKINS, LL. B., Institute of Law.
Law of Damages.
- CAPT. ALVAR GOULD THOMPSON, 2609 S. Grand Ave.
Instructor in Telegraphy.
- RALPH L. THOMPSON, A. M., M. D., 1402 S. Grand Avenue.
Professor of Pathology and Director of the Department of
Pathology and Bacteriology.
- FRANCIS A. THORNTON, A. M., LL. B., University.
Professor of Economics.
Secretary of School of Commerce and Finance.
- JOHN LEO TIERNEY, A. M., M. D., Humboldt Bldg.
Assistant in Medicine.
- RANDALL S. TILLES, M. D., Metropolitan Building.
Instructor in Obstetrics and Gynecology.
- MILES B. TITTERINGTON, M. D., Metropolitan Bldg.
Instructor in Radiography.
- EDWARD A. TOBIN, A. M., LL. B., Rialto Building.
Lecturer on Bailments.
- THOMAS J. TOBIN, Wabash Railroad.
Lecturer on Railway Accounting.
- DAVID McCLAY TODD, A. M., M. D., 4523 Page Avenue
Instructor in Anatomy.

- WILLIAM G. TONKINSON, D. D. S., 3564 Caroline Street.
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- LISTER TUHOLSKE, A. B., M. D., 453 N. Taylor Avenue.
Assistant in Anatomy.
- ALOIS E. TUREK, M. D., 2109 Arsenal Street.
Instructor in Medicine.
- HILLEL UNTERBERG, M. D., 529 Frisco Building.
Instructor in Nervous Diseases.
- HARRY T. UPSHAW, B. S., M. D., 3860 DeTonty.
Assistant in Medicine.
- ALBERT F. VERSEN, Business Men's League.
Lecturer on Transportation.
- EDWIN H. WAGNER, Boatmen's Bank Building.
Lecturer in Accounting.
- S. A. WEINTRAUB, M. D., Metropolitan Building.
Instructor in Pathology and Bacteriology.
- WILLIAM WEISS, M. D., 3128a Arsenal Street.
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- SAMUEL B. WESTLAKE, M. D., 610 Hamilton Avenue.
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- T. WISTAR WHITE, M. D., Lister Bldg.
Instructor in Pediatrics.
- WILLIAM S. WIATT, M. D., 4506 Lewis Place.
Assistant Professor of Surgery.
- ALFRED CHIPLEY WILSON, LL. B., Institute of Law.
Bankruptcy.
- GEORGE WADE WILSON, A. M., M. D., Humboldt Bldg.
Assistant in Pathology.
- GEORGE B. WINTER, D. D. S., Frisco Building.
Professor of Exodontia and Lecturer on Nitrous Oxide
Anesthesia.
- JOHN ZAHORSKY, A. B., M. D., Lister Building.
Professor of Children's Diseases.
- ALFRED ZELLER, S. J., University.
Custodian of Laboratories.

Register of Students

List of Abbreviations.

Md.—Medicine. Dn.—Dentistry. Lw.—Law. C.F.—Commerce and Finance. Dv.—Divinity. Ph.—Philosophy and Science. Ar.—College of Arts. P.G.—Post-Graduate. P.M.—Pre-medical College Year. Sp.—Special.

The Roman numeral indicates the first, second, third or fourth year in the Student's Course.

Alch, Mathilda.....	I. C. F.....	Missouri.
Allen, Nellie E.....	III. Lw.....	Missouri.
Allen, Sanford Harl.....	III. Dn.....	Missouri.
Alexander, Roy E.....	IV. Ar.....	Missouri.
Almstedt, Roland P.....	III. C. F.....	Missouri.
Alston, William H.....	I. Lw.....	Illinois.
Alvis, Bennett Young.....	IV. Md.....	Missouri.
Andreoff, Andrea V.....	I. C. F.....	Illinois.
Androff, Philip S.....	II. Lw.....	Missouri.
Ankenbrandt, Rev. Frederick.....	IV. Dv.....	Ohio.
Appelbaum, Albert J.....	III. Lw.....	Missouri.
Appelbaum, Herman C.....	III. C. F.....	Missouri.
Arens, Field E.....	I. C. F.....	Missouri.
Armbrecht, Sophia.....	I. C. F.....	Illinois.
Armbruster, C. Pierre.....	II. Lw.....	Missouri.
Arnoldy, Roland W.....	III. Lw.....	Missouri.
Arthur, Robert N.....	I. C. F.....	Missouri.
Auler, Alphonse Hugo.....	I. Md.....	Missouri.
Austin, Robert Samuel.....	III. Dn.....	Missouri.
Bailey, Paul R.....	I. Dn.....	Missouri.
Baker, Ernest.....	III. Lw.....	Washington.
Baker, Harry.....	III. Dn.....	Illinois.
Bakewell, Claude M.....	II. Ph.....	Missouri.
Bakewell, McNair.....	I. Lw.....	Missouri.
Bakewell, McNair.....	Sp. Ar.....	Missouri.
Balauri, Sam Donald.....	II. Dn.....	Albania
Baltz, Leo Bernard.....	II. Dn.....	Arkansas.
Bandurski, Edward.....	II. Lw.....	Missouri.
Barbour, Orville Everett.....	III. Md.....	Illinois.

Barmann, Howard Henry.....	II. <i>P. M.</i>	Ohio.
Barnicle, Robert J.....	I. <i>C. F.</i>	Missouri.
Barr, Alonzo F.....	I. <i>Lw.</i>	Missouri.
Barthelme, Francis L.....	II. <i>Md.</i>	Illinois.
Barton, Elmer A.....	I <i>Ph.</i>	Michigan.
Bass, Normal H.....	I. <i>C. F.</i>	Kansas.
Bassich, Rev. Joseph B.....	IV. <i>Dv.</i>	Louisiana.
Batterton, Estil Richard.....	I. <i>P. M.</i>	Illinois.
Bauer, G. Lewis.....	IV. <i>Md.</i>	Illinois.
Baumberger, Eugene J.....	I. <i>C. F.</i>	Illinois.
Bauman, Reuben Edw.....	II. <i>Dn.</i>	Illinois.
Baumstark, Herbert Frederick.....	II. <i>Dn.</i>	Missouri.
Bautsch, Francis A.....	III. <i>Ph.</i>	Colorado.
Bay, Frank Newton.....	I. <i>Md.</i>	Iowa.
Bearman, Harry H.....	III. <i>Lw.</i>	Missouri.
Becker, Roland Otto.....	I. <i>Dn.</i>	Missouri.
Becker, William	I. <i>Lw.</i>	Missouri.
Beier, Henry	IV. <i>Md.</i>	Oklahoma.
Beisel, Max Adam.....	II. <i>Dn.</i>	South Dakota.
Bellinger, James Edward.....	IV. <i>Md.</i>	New York.
Belleperche, Remi J.....	III. <i>Ph.</i>	Canada.
Bellock, Raymond F.....	II. <i>Ph.</i>	Illinois.
Bennett, A. Harold.....	III. <i>Ph.</i>	Illinois.
Bennett, Foster L.....	I. <i>Lw.</i>	Missouri.
Bennett, James D.....	I. <i>C. F.</i>	Missouri.
Benton, Walter	I. <i>Dn.</i>	Missouri.
Berens, Anthony F.....	III. <i>Dv.</i>	Wisconsin.
Berens, John A.....	III. <i>Dv.</i>	Wisconsin.
Bergfeld, August N.....	I. <i>C. F.</i>	Missouri.
Bergmann, John C.....	I. <i>C. F.</i>	Missouri.
Bergmann, John P.....	I. <i>Ph.</i>	Illinois.
Bergwall, Robert Parkhurst.....	III. <i>Md.</i>	Wisconsin.
Berkmeyer, Charles.....	III. <i>Lw.</i>	Missouri.
Bernard, Joseph A.....	II. <i>Lw.</i>	Illinois.
Bernhard, Elsa.....	I. <i>C. F.</i>	Missouri.
Berning, George Henry.....	II. <i>Dn.</i>	Illinois.
Bernstorff, Paul Hammond.....	II. <i>Md.</i>	Missouri.

Berry Charles E.....	I. C. F.....	Illinois.
Bertaut, Clarence J.....	I. Md.....	Louisiana.
Beuchat, Lee Joseph.....	I. P. M.....	Colorado.
Bey, Joseph T.....	II. Dn.....	Missouri.
Beyer, Herman D.....	I. C. F.....	Missouri.
Bierk, Lee August.....	III. Dn.....	Missouri.
Bilgere, George A.....	I. Lw.....	Missouri.
Black, John Earl.....	II. P. M.....	Illinois.
Blackburn, John Albert.....	III. Dn.....	Kansas.
Blakemore, James Frank.....	II. Dn.....	Arkansas.
Blank, Oscar Ernst.....	IV. Md.....	Illinois.
Blumenshine, Arthur Dean.....	II. Dn.....	Illinois.
Boggiano, L. J.....	II. C. F.....	Missouri.
Bohn, Frank E.....	I. C. F.....	Missouri.
Bohn, Rudolph W.....	III. Ph.....	Ohio.
Bohne, William Bohne.....	I. Md.....	Indiana.
Boka, A. J.....	II. C. F.....	Missouri.
Bonacci, Michael James.....	I. Md.....	Wisconsin.
Bothwell, Clyde L.....	III. C. F.....	Illinois.
Bott, Olen J.....	I. Dn.....	Illinois.
Boudreau, John Ambrose.....	III. Dn.....	Missouri.
Bouscaren, Pierre B.....	II. Dv.....	Ohio.
Bowen, Robert Mortimer.....	IV. Md.....	Colorado.
Brandt, John Francis.....	III. Dn.....	Missouri.
Brandt, Paul George.....	II. Dn.....	Missouri.
Branom, LeRoy.....	III. Md.....	Illinois.
Brass, John G. B.....	II. Md.....	England.
Brass, U. B.....	I. C. F.....	Missouri.
Braucourt, Edmond F.....	I. C. F.....	Missouri.
Braun, Karl Anthony.....	III. Md.....	Ohio.
Bremer, Bertha.....	III. Lw.....	Missouri.
Brennan, Michael Earl.....	I. Md.....	Illinois.
Brennan, Michael W.....	III. C. F.....	Missouri.
Brennan, John A.....	III. Dv.....	Pennsylvania.
Brickel, Alfred G.....	III. Ph.....	Ohio.
Brickel, Arthur C.....	I. Md.....	Ohio.
Brickey, Paul Ashland.....	IV. Md.....	Missouri.

Bridge, Joseph H.	III. C. F.	Missouri.
Bridges, H. Alfred	I. C. F.	Missouri.
Bries, Frank J.	II. Md.	Iowa.
Brigham, Edmund T.	I. Ph.	New York.
Brinkhaus, Armand Louis	II. P. M.	Louisiana.
Brod, E. J.	II. C. F.	Missouri.
Broeker, Ralph J.	I. Dn.	Missouri.
Brooks, Annie J.	I. C. F.	Missouri.
Broun, Goronwy Owen	IV. Md.	Alabama.
Brown, Clyde	I. Ar.	Illinois.
Bruening, Bertha M.	I. C. F.	Missouri.
Brundrett, Ralph B.	Sp. C. F.	Missouri.
Brunner, Rev. George J.	IV. Dv.	Germany.
Bruns, Milton H.	I. C. F.	Missouri.
Buckley, Edward L.	I. Lw.	Minnesota.
Budde, Charles A.	I. Dv.	Iowa.
Budde, Edward	III. Dv.	Iowa.
Buescher, Hugo Henry	III. Dn.	Missouri.
Bungart, Francis P.	II. Ph.	Ohio.
Bunge, William Louis	II. Dn.	Missouri.
Burger, Julius Anthony	III. Md.	Ohio.
Burke, Jerome Everett	I. Md.	Minnesota.
Burns, Virgil H.	I. C. F.	Missouri.
Butler, Edward L.	I. Lw.	Missouri.
Butler, James F.	I. Ph.	Indiana.
Butler, Ralph Picot	II. Md.	Missouri.
Buxton, Arthur	II. Dn.	Illinois.
Buxton, Joseph Frederick	III. Dn.	Illinois.
Cain, William	III. Dn.	Illinois.
Calman, Paul H.	III. Lw.	Missouri.
Camenzind, Albert J.	I. Dv.	Ohio.
Campbell, Elmer Harrison	I. Dn.	Illinois.
Cantwell, John E., Jr.	I. Ar.	Missouri.
Cantwell, R. Murray	II. Ar.	Missouri.
Capel, Kenneth	Sp. Ar.	Missouri.
Carey, Michael Joseph	I. Md.	Missouri.
Carl, Michael J.	I. C. F.	Missouri.

Carlos, Thomas W.....	II. <i>Lw.</i>	Missouri.
Carpenter, E. Mason.....	I. <i>Dn.</i>	Missouri.
Carr, Clarence John.....	III. <i>Dn.</i>	Texas.
Carroll, Adele Bakewell.....	I. <i>C. F.</i>	Missouri.
Casey, Henry F.....	I. <i>C. F.</i>	Missouri.
Cassidy, Leslie Denis.....	II. <i>Md.</i>	Georgia.
Castle, Meyer.....	I. <i>Dn.</i>	Colorado.
Catudal, Joseph Emery.....	II. <i>Dn.</i>	Kansas.
Cavagnaro, Mario A.....	III. <i>Lw.</i>	Missouri.
Cheney, Ralph Edwin.....	II. <i>Md.</i>	Kansas.
Chenoweth, Avery.....	I. <i>Dn.</i>	Illinois.
Clay, Andrew Jackson.....	IV. <i>Md.</i>	Missouri.
Clancy, John F.....	III. <i>Lw.</i>	Missouri.
Clark, Arthur Grover.....	II. <i>Dn.</i>	Missouri.
Cleary, Joseph I.....	II. <i>Lw.</i>	Missouri.
Clemens, Francis Jos.....	I. <i>C. F.</i>	Missouri.
Clifford, Francis Clair.....	I. <i>Md.</i>	Ohio.
Clifford, John J.....	II. <i>Dv.</i>	Illinois.
Cline, Cliff Roswell.....	I. <i>Dn.</i>	Washington.
Clyde, C. S.....	II. <i>C. F.</i>	Missouri.
Coates, Wallace King.....	II. <i>Dn.</i>	Missouri.
Coffey, Frank.....	II. <i>Md.</i>	Kansas.
Coghill, Earl E.....	II. <i>C. F.</i>	Missouri.
Cohlmeyer, John William.....	II. <i>Dn.</i>	Illinois.
Coleman, William A.....	I. <i>C. F.</i>	Missouri.
Collins, Herbert Rodney.....	I. <i>Md.</i>	Oklahoma.
Collins, John Joseph.....	I. <i>Dn.</i>	Missouri.
Collins, John Nicholas.....	II. <i>Dn.</i>	Illinois.
Collins, Lisle Leaholme.....	III. <i>Md.</i>	Missouri.
Colvin, Charles C.....	I. <i>C. F.</i>	Missouri.
Connelly, Cecil Clayton.....	I. <i>Dn.</i>	Missouri.
Connole, Martha L.....	I. <i>C. F.</i>	Illinois.
Connor, Harold.....	I. <i>Lw.</i>	Missouri.
Connor, John J.....	III. <i>Md.</i>	Missouri.
Conway, Leo Aquinas.....	IV. <i>Md.</i>	Iowa.
Cook, Thomas Francis.....	IV. <i>Md.</i>	Missouri.
Cooper, Robert W.....	I. <i>C. F.</i>	Illinois.

Copeland, George H.....	I. <i>C. F.</i>	Missouri.
Corcoran, Charles T.....	I. <i>Ph.</i>	Wisconsin.
Corey, Anthony H.....	I. <i>Dv.</i>	Minnesota.
Costello, Joseph Patrick.....	IV. <i>Md.</i>	Indiana.
Costello, W. C.....	II. <i>C. F.</i>	Illinois.
Cotter, Stephen Vincent.....	II. <i>Md.</i>	New York.
Cougot, Leo.....	I. <i>Dn.</i>	Missouri.
Coutant, Frederick Irving.....	I. <i>Dv.</i>	Missouri.
Cowan, Robert Dinwiddie.....	IV. <i>Md.</i>	Missouri.
Cox, Hattie L.....	I. <i>C. F.</i>	Illinois.
Coyle, James Daniel.....	I. <i>Md.</i>	California.
Crawford, Wallace.....	II. <i>Dn.</i>	Missouri.
Crogan, Thomas F.....	I. <i>Lw.</i>	Missouri.
Cronin, Carolan Stephen.....	I. <i>Md.</i>	California.
Crotty, William John.....	III. <i>Md.</i>	Illinois.
Crowe, John Harry.....	II. <i>Dn.</i>	Missouri.
Crowley, Joseph R.....	III. <i>Dv.</i>	California.
Cullen, Francis Edward.....	I. <i>Md.</i>	Iowa.
Cummings, Alfred J.....	II. <i>Ph.</i>	Maryland.
Cummings, James Hay.....	III. <i>Md.</i>	Missouri.
Cummings, J. R.....	II. <i>C. F.</i>	Missouri.
Curran, Paul Stanley.....	I. <i>Md.</i>	Ohio.
Cusack, Laurence L.....	I. <i>Ph.</i>	Iowa.
Custer, Matthew Lee.....	III. <i>Md.</i>	Iowa.
Cuthbertson, James Bruce.....	III. <i>Dn.</i>	Illinois.
Dacey, James A., Jr.....	IV. <i>Ar.</i>	Missouri.
Dague, Paul.....	II. <i>C. F.</i>	Kansas.
Dahm, Paul J.....	I. <i>Ar.</i>	Missouri.
Dahm, William J.....	I. <i>C. F.</i>	Missouri.
Dailey, John E.....	II. <i>Md.</i>	Indiana.
Davlin, Ignatius J.....	III. <i>Ph.</i>	Nebraska.
Davis, William Munroe.....	I. <i>Dn.</i>	Missouri.
Deason, Lyman Earl.....	III. <i>Dn.</i>	Illinois.
Debrecht, August E.....	I. <i>C. F.</i>	Missouri.
Deckmeyer, Carl John.....	II. <i>Md.</i>	Missouri.
Degenhardt, Edgar Augustine.....	I. <i>Md.</i>	Illinois.
Delaney, Robert C.....	II. <i>Lw.</i>	Illinois.

Demko, Frank.....	II. <i>P. M.</i>	Missouri.
Dempsey, Vincent Michael.....	I. <i>Dn.</i>	Missouri.
Dettenbach, William August.....	I. <i>Md.</i>	Illinois.
D'Haene, Ormond P.....	II. <i>Dv.</i>	Michigan.
Dierker, Bernard Joseph.....	IV. <i>Md.</i>	Nebraska.
Diethelm, Martin W.....	IV. <i>Md.</i>	Ohio.
Diethelm, M. W.....	I. <i>C. F.</i>	Missouri.
Diethelm, Rudolph Alois.....	I. <i>Md.</i>	Ohio.
Dietrich, J.....	II. <i>C. F.</i>	Missouri.
Dobbs, Otto Ross.....	I. <i>Md.</i>	Illinois.
Dolan, Henry Francis.....	III. <i>Md.</i>	Iowa.
Dole, Arthur Frank.....	II. <i>Md.</i>	Michigan.
Donnelly, Gerard B.....	III. <i>Ph.</i>	Missouri.
Donnelly, Thomas J.....	I. <i>Dv.</i>	Ohio.
Donohue, Philip F.....	II. <i>Md.</i>	Minnesota.
Donovan, Howard.....	I. <i>Md.</i>	Illinois.
Donovan, J. Driscoll.....	IV. <i>Ar.</i>	Missouri.
Donovan, William Patrick.....	I. <i>Md.</i>	Wisconsin.
Doonan, John B.....	II. <i>Dv.</i>	Georgia.
Doran, Frank Joseph.....	III. <i>Md.</i>	Ohio.
Doubek, John Charles.....	I. <i>Md.</i>	Missouri.
Dougherty, Martin.....	II. <i>Dn.</i>	Kansas.
Dowd, William A.....	I. <i>Dv.</i>	Ohio.
Doyle, Raymond Edward.....	I. <i>Md.</i>	Colorado.
Draper, David Burris.....	I. <i>Md.</i>	California.
Dreher, J. H.....	II. <i>C. F.</i>	Missouri.
Dreiling, Bernard J.....	II. <i>Md.</i>	Kansas.
Dreiling, Joe Francis.....	II. <i>Dn.</i>	Kansas.
Driscoll, Daniel E.....	I. <i>C. F.</i>	Missouri.
Driscoll, Rev. Timothy A.....	IV. <i>Dv.</i>	Illinois.
Droste, Victor.....	III. <i>Dn.</i>	Illinois.
Dryden, Celeste H.....	I. <i>C. F.</i>	Missouri.
Duemler, John Henry.....	I. <i>Md.</i>	Missouri.
Duerfard, H. A.....	II. <i>C. F.</i>	Missouri.
Duffy, Dennis M.....	II. <i>Dn.</i>	Ohio.
Duffy, Raymond J.....	II. <i>C. F.</i>	Missouri.
Dummit, Howard M.....	I. <i>Dn.</i>	Missouri.

Duncan, George W.	I. <i>Dn.</i>	Illinois.
Dunham, Leslie Herman	IV. <i>Md.</i>	Missouri.
Dunlavy, Alva J.	I. <i>Dn.</i>	Nebraska.
Durbin, Howard Paul	I. <i>Md.</i>	Missouri.
Durcan, John Edward	III. <i>Dn.</i>	Ireland.
Dwyer, Lee J.	I. <i>C. F.</i>	Missouri.
Eads, Robert Tye	III. <i>Dn.</i>	Missouri.
Ebel, Joseph Anthony	II. <i>Md.</i>	Missouri.
Eber, Ida R.	I. <i>Lw.</i>	Missouri.
Eckert, Gus Henry	III. <i>Dn.</i>	Missouri.
Eden, Edward Henry	I. <i>Dn.</i>	Missouri.
Edmiston, Glenn Frederick	II. <i>Dn.</i>	Illinois.
Egan, Thomas A.	III. <i>Dv.</i>	Illinois.
Egart, Alone C.	I. <i>C. F.</i>	Missouri.
Eimer, Charles Eugene	IV. <i>Md.</i>	Illinois.
Eisenstein, Sylvan	III. <i>Dn.</i>	Illinois.
Eline, Rev. S. Aloysius	IV. <i>Dv.</i>	Wisconsin.
Elliott, Loren Ferrell	III. <i>Md.</i>	Missouri.
Ellis, Adam C.	I. <i>Dv.</i>	New York.
Ellis, Robert H.	I. <i>C. F.</i>	Missouri.
Ely, William D.	I. <i>Lw.</i>	Missouri.
Elz, Juluis Theodore	II. <i>Md.</i>	Illinois.
Emons, Walter William	II. <i>Dn.</i>	Illinois.
Endicott, Edward W.	IV. <i>Lw.</i>	Missouri.
Endicott, Vivian Q.	I. <i>C. F.</i>	Missouri.
Engels, Francis W.	I. <i>C. F.</i>	Missouri.
Epp, George John	II. <i>Md.</i>	Missouri.
Erbacher, Henry J.	III. <i>Dv.</i>	Kansas.
Erbert, Rudolph Rupert	II. <i>P. M.</i>	Kansas.
Erbs, Oliver F.	I. <i>Lw.</i>	Missouri.
Essman, Will C.	III. <i>C. F.</i>	Missouri.
Essen, Victor H.	I. <i>Lw.</i>	Missouri.
Etherton, Henry C.	IV. <i>Lw.</i>	Missouri.
Etter, Forrest Stayton	II. <i>Md.</i>	Missouri.
Evans, John Albert	III. <i>Dn.</i>	Missouri.
Eyermann, Henry Walter	I. <i>P. M.</i>	Missouri.
Fagin, Thomas J.	IV. <i>Lw.</i>	Missouri.

Fahrenheit, William L.....	I. <i>Dn.</i>	Missouri.
Falk, Oswald Pleus.....	IV. <i>Md.</i>	Missouri.
Farber, Frank Felix.....	I. <i>Md.</i>	Ohio.
Farley, Ross D.....	II. <i>Dn.</i>	Oklahoma.
Farrell, Leo William.....	II. <i>P. M.</i>	California.
Fecht, Clarence J.....	I. <i>C. F.</i>	Missouri.
Ferguson, Harry.....	III. <i>Dn.</i>	Missouri.
Ferrenbach, Edw. A.....	I. <i>C. F.</i>	Missouri.
Ferrenbach, Thomas R.....	I. <i>C. F.</i>	Missouri.
Ferris William S.....	II. <i>Ph.</i>	Ireland.
Ferry, William Paul.....	I. <i>Md.</i>	Indiana.
Finck, Frank George.....	II. <i>Dn.</i>	Missouri.
Finnegan, Charles Robert.....	III. <i>Md.</i>	Wisconsin.
Finnegan, Lawrence Raymond.....	II. <i>Dn.</i>	Wisconsin.
Finnegan, Thomas A.....	III. <i>Ph.</i>	Wisconsin.
Finnegan, William Leo.....	III. <i>Md.</i>	Wisconsin.
Finnigan, Frank Roman.....	II. <i>Md.</i>	Kansas.
Finot, Philip Henry.....	III. <i>Md.</i>	Missouri.
Fischer, Armin.....	II. <i>Md.</i>	Indiana.
Fischer, Joseph H.....	III. <i>C. F.</i>	Missouri.
Fitzgerald, Leo Peter Thomas.....	II. <i>P. M.</i>	California.
Fitzgerald, William F.....	I. <i>Lw.</i>	Missouri.
Fitzgibbons, Gerald.....	III. <i>Ph.</i>	Michigan.
Flaherty, Thomas J.....	II. <i>Dv.</i>	California.
Flammger, Edward L.....	I. <i>C. F.</i>	Missouri.
Flanagan, Neal D.....	I. <i>C. F.</i>	Missouri.
Flanagan, Stewart D.....	II. <i>Lw.</i>	Missouri.
Flavan, David B.....	III. <i>Ar.</i>	Missouri.
Fleischer, Harry.....	III. <i>Dn.</i>	Missouri.
Fleishman, Margaret.....	IV. <i>Lw.</i>	Missouri.
Flinn, James M.....	I. <i>Md.</i>	Montana.
Flishman, Margaret.....	I. <i>C. F.</i>	Missouri.
Flottemesch, Sylvester Daniel.....	I. <i>Dn.</i>	Missouri.
Follett, Nelson J.....	I. <i>C. F.</i>	Illinois.
Foulquier, Joseph.....	III. <i>Dv.</i>	France.
Francis George A.....	II. <i>Dv.</i>	Belgium.
Frank, Leo P.....	III. <i>Ph.</i>	Missouri.

Franke, Florent E.....	IV. <i>Md.</i>	Illinois.
Frankel, Sol Irwin.....	I. <i>P. M.</i>	Missouri.
Franken, Geo.....	III. <i>Dn.</i>	Ohio.
Fredrickson, Adolph Rickard.....	II. <i>Md.</i>	North Dakota.
Freeman, Spencer Lane.....	I. <i>Md.</i>	Missouri.
Freimuth, Louis Elmer.....	I. <i>Md.</i>	Missouri.
French, Bernard Semple.....	III. <i>Ar.</i>	Mississippi.
Freymann, Jean Pierre.....	IV. <i>Ar.</i>	Missouri.
Friedman, Samuel S.....	II. <i>Lw.</i>	Missouri.
Friel, James P.....	I. <i>Lw.</i>	Missouri.
Frommelt, Horace A.....	I. <i>Ph.</i>	Iowa.
Frumson, Louis George.....	IV. <i>Md.</i>	Missouri.
Fuchs, George Joseph.....	I. <i>Md.</i>	Missouri.
Fulkerson, Henry Coleman.....	III. <i>Dn.</i>	Illinois.
Furlong, R. E.....	II. <i>C. F.</i>	Missouri.
Gaard, Christopher C.....	II. <i>Md.</i>	Missouri.
Gafney, George Thomas.....	III. <i>Md.</i>	Ohio.
Gage, Harold F.....	I. <i>C. F.</i>	Missouri.
Gallagher, Vincent J.....	IV. <i>Md.</i>	Ohio.
Gallagher, William J.....	II. <i>Md.</i>	Ohio.
Galvin, Joseph Emmet.....	IV. <i>Md.</i>	Iowa.
Gantner, George E.....	II. <i>Lw.</i>	Missouri.
Garcia, Octavio.....	I. <i>Md.</i>	Texas.
Gattermeir, Paul Hobart.....	III. <i>Dn.</i>	Missouri.
Gauen, Erwin C.....	I. <i>Lw.</i>	Missouri.
George, Harold Henry.....	IV. <i>Ar.</i>	Missouri.
Georgen, Joseph M.....	I. <i>Dv.</i>	Illinois.
Gerard, Jules Henry.....	III. <i>Md.</i>	Missouri.
Gerling, John H.....	I. <i>Lw.</i>	Missouri.
German, Walter Abel.....	II. <i>Md.</i>	Kansas.
Gerritzen, Aloysius F. J.....	I. <i>Lw.</i>	Missouri.
Gerst, Rev. Francis J.....	IV. <i>Dv.</i>	Ohio.
Gerwert, John.....	II. <i>Dn.</i>	Ohio.
Gianotte, Ernest.....	II. <i>Md.</i>	Utah.
Gibbins, John F.....	I. <i>C. F.</i>	Missouri.
Gibney, Madeleine G.....	I. <i>C. F.</i>	Missouri.
Gissy, Charles Joseph.....	I. <i>Md.</i>	Illinois.

Gitcho, Miltiades John.....	I. <i>P. M.</i>	Illinois.
Gitchoff, George Evan.....	II. <i>Dn.</i>	Illinois.
Gleeson, Francis Philip.....	III. <i>Dn.</i>	Ohio.
Glowacki, Boleslaus Francis.....	I. <i>Md.</i>	Ohio.
Godfrey, Dewey S.....	I. <i>Lw.</i>	Missouri.
Goeke, Joseph Francis.....	IV. <i>Md.</i>	Missouri.
Goggin, Carlyle.....	II. <i>Dn.</i>	Arkansas.
Golden, Eric Harry.....	III. <i>Dn.</i>	Missouri.
Goldstein, George H.....	I. <i>C. F.</i>	Missouri.
Golinraux, Cletus J.....	I. <i>Md.</i>	Iowa.
Gomez, Rogelio.....	II. <i>Dn.</i>	El Salvador, C. A.
Goorman, Bernard.....	II. <i>Dn.</i>	Missouri.
Gormaly, William P.....	I. <i>Ph.</i>	Canada.
Gorman, Jeremiah Thomas.....	II. <i>Dn.</i>	Illinois.
Gorman, Otho Addison.....	III. <i>Dn.</i>	Illinois.
Gormley, John Joseph.....	III. <i>Dn.</i>	Illinois.
Gossow, Benjamin Geret.....	II. <i>P. M.</i>	Missouri.
Gorton, William H.....	I. <i>C. F.</i>	Missouri.
Gould, Leo W.....	III. <i>C. F.</i>	Illinois.
Grace, Rev. William J.....	IV. <i>Dv.</i>	Missouri.
Graf, William L.....	II. <i>Lw.</i>	Missouri.
Graham, Lawrence Franklin.....	I. <i>Dn.</i>	Missouri.
Gray, Harry Joshua.....	I. <i>Md.</i>	Kansas.
Greaves, Robert Henry.....	III. <i>Md.</i>	Illinois.
Green, William O.....	I. <i>Lw.</i>	Missouri.
Greenman, Earl Ralph.....	II. <i>Dn.</i>	Iowa.
Greever, Boyd Lorens.....	IV. <i>Md.</i>	Missouri.
Griebel, Edgar A.....	I. <i>C. F.</i>	Missouri.
Griesedieck, Carl.....	II. <i>Dn.</i>	Missouri.
Griffin, S. Walker.....	I. <i>Lw.</i>	Missouri.
Grimes, Chester Daniel.....	III. <i>Dn.</i>	Pennsylvania.
Grimm, Elmer H.....	I. <i>C. F.</i>	Missouri.
Grimm, Horace.....	I. <i>C. F.</i>	Missouri.
Grizzell, Claude Emery.....	III. <i>Dn.</i>	Illinois.
Gross, Joseph Lloyd.....	I. <i>Ar.</i>	Missouri.
Gross, Willis Charles.....	I. <i>Dn.</i>	Missouri.
Grueb, Paul Max.....	I. <i>Md.</i>	California.

Gruenthaner, Michael J.....	I. <i>Dv.</i>	New York.
Grueter, Albert B.....	I. <i>Dv.</i>	Ohio.
Gumersell, Lee R.....	I. <i>C. F.</i>	Missouri.
Gunn, Leo Arthur.....	I. <i>Dn.</i>	Missouri.
Gutenberg, Cecil R.....	I. <i>Lw.</i>	Missouri.
Haar, George B.....	III. <i>C. F.</i>	Missouri.
Habenicht, Julius.....	II. <i>Lw.</i>	Missouri.
Hackett, Murtha J.....	III. <i>Lw.</i>	Missouri.
Hackmann, Alvin F.....	I. <i>Lw.</i>	Missouri.
Hahn, Aloysius S.....	II. <i>Ph.</i>	Missouri.
Haile, Leon Campbell.....	II. <i>Md.</i>	Missouri.
Halleck, Paul P.....	III. <i>Md.</i>	Iowa.
Haller, Emanuel Ernst.....	II. <i>Dn.</i>	Missouri.
Halligan, Rev. John J.....	IV. <i>Dv.</i>	Illinois.
Halloran, Joseph D.....	I. <i>C. F.</i>	Missouri.
Halloran, John A.....	I. <i>C. F.</i>	Missouri.
Halloran, Lester Aloysius.....	III. <i>Md.</i>	Iowa.
Halloran, Thomas J.....	II. <i>Lw.</i>	Missouri.
Halpin, Clifford E.....	III. <i>C. F.</i>	Illinois.
Halpin, James J.....	III. <i>C. F.</i>	Illinois.
Hamilton, Raphael N.....	I. <i>Ph.</i>	Nebraska.
Hamilton, T. H.....	II. <i>C. F.</i>	Missouri.
Hammitt, Frank Coleman.....	III. <i>Md.</i>	Illinois.
Hammonds, Edgar G.....	IV. <i>Lw.</i>	Missouri.
Hannan, Martin Leo.....	I. <i>Md.</i>	Illinois.
Hansel, French Keller.....	IV. <i>Md.</i>	Illinois.
Hanson, Joseph Kanute.....	I. <i>Md.</i>	Iowa.
Harbrecht, Sebasteon James.....	II. <i>Md.</i>	Missouri.
Harder, Robert C.....	I. <i>Dv.</i>	Missouri.
Hardy, John Wesley.....	II. <i>Dn.</i>	Illinois.
Haren, William E.....	II. <i>Ar.</i>	Missouri.
Harlin, Amos Ripply.....	II. <i>Dn.</i>	Missouri.
Harrington, Ambrose Bernard.....	III. <i>Dn.</i>	New York.
Harrington, Edward Thomas.....	I. <i>Dn.</i>	Missouri.
Harrington, John.....	I. <i>Ar.</i>	Colorado.
Hart, Edward L.....	III. <i>Dv.</i>	Nebraska.
Hart, Herbert Malcolm.....	I. <i>Md.</i>	Iowa.

Hartley, Basil Hagan.....	I. <i>Md.</i>	Kansas.
Hartley, John Edwin.....	I. <i>P. M.</i>	Kansas.
Hartley, Ulysses Eugene.....	IV. <i>Md.</i>	Missouri.
Hartman, William H.....	I. <i>C. F.</i>	Missouri.
Hartwig, J. Lawrence.....	II. <i>Lw.</i>	Missouri.
Hassett, Henry Anthony.....	III. <i>Md.</i>	Illinois.
Hassett, Joseph N.....	I. <i>Lw.</i>	Missouri.
Hastings, Eugene Leigh.....	III. <i>Md.</i>	Illinois.
Hastings, Grant Ray.....	II. <i>Md.</i>	Missouri.
Haumesser, Benj. George.....	III. <i>Md.</i>	Illinois.
Haumueller, Oscar Theodore.....	II. <i>Dn.</i>	Missouri.
Haverfield, Lysle Edward.....	I. <i>Md.</i>	Illinois.
Hawk, John J.....	III. <i>Lw.</i>	Missouri.
Hayden, Francis Mary.....	III. <i>Dn.</i>	Missouri.
Hedges, Edmund Henry.....	IV. <i>Md.</i>	Ohio.
Heithaus, Claude.....	II. <i>Ar.</i>	Missouri.
Hellweg, Edward Walter.....	III. <i>Md.</i>	Missouri.
Helminiak, Mesco Joseph.....	III. <i>Md.</i>	New York.
Helwig, Sylvester Bernard.....	I. <i>Md.</i>	Illinois.
Hendrix, Rev. Edwin F.....	IV. <i>Dv.</i>	Missouri.
Heneghan, George E.....	I. <i>C. F.</i> , IV. <i>Lw.</i>	Missouri.
Hennessy, Edward F.....	I. <i>Lw.</i>	Missouri.
Hennessy, M. T.....	II. <i>C. F.</i>	Missouri.
Henrich, Lawrence Edmund.....	I. <i>Md.</i>	South Dakota.
Henske, William Conrad.....	II. <i>Md.</i>	Missouri.
Herbers, Joseph A.....	III. <i>Dv.</i>	Missouri.
Herman, George Grover.....	IV. <i>Md.</i>	Missouri.
Hermann, Ewald Emil.....	II. <i>Md.</i>	Illinois.
Herndon, George Burgess.....	III. <i>Dn.</i>	Missouri.
Hewitt, Benjamin Roller.....	I. <i>Md.</i>	California.
Heyenga, Henry.....	III. <i>Dn.</i>	Illinois.
Hickey, Rev. David F.....	IV. <i>Dv.</i>	Missouri.
Higgins, William Stephens.....	I. <i>Lw.</i>	Washington.
Higgins, James E.....	I. <i>Lw.</i>	Illinois.
Higgins, William Stephens.....	II. <i>Dn.</i>	Washington.
Hildebrand, R. L.....	II. <i>C. F.</i>	Missouri.
Hillner, Alphonse A.....	I. <i>C. F.</i>	Missouri.

Hindenach, Leo Albert.....	I. <i>Dn.</i>	Kansas.
Hofmann, W. M.....	II. <i>C. F.</i>	Missouri.
Hofmeister, Rudolph.....	III. <i>Md.</i>	Missouri.
Hogancamp, Hugh Jackson.....	II. <i>Dn.</i>	Kentucky.
Hohman, Leonard H.....	III. <i>Dv.</i>	Ohio.
Holder, Claude Donovan.....	III. <i>Dn.</i>	Missouri.
Holke, Francis Jefferson.....	III. <i>Dn.</i>	Missouri.
Holland, Frank Osborn.....	I. <i>Dn.</i>	Kansas.
Hollingsworth, Paul Royalty.....	I. <i>Dn.</i>	Missouri.
Holmes, Mansell Burl.....	I. <i>Md.</i>	Missouri.
Hoogstraet, Rudolph W.....	II. <i>Lw.</i>	Missouri.
Hopkins, Garrett Guthrie.....	III. <i>Dn.</i>	Missouri.
Horan, Martin, W.....	IV. <i>Lw.</i>	Missouri.
Horn, Bernard A.....	II. <i>Ph.</i>	Ohio.
Hornback, Edward R.....	II. <i>Md.</i>	Missouri.
Houser, William F.....	I. <i>Ph.</i>	Illinois.
Howard, Stanley Proctor.....	I. <i>Md.</i>	Missouri.
Hrdlicka, Victor Emanuel.....	I. <i>P. M.</i>	Missouri.
Hubbell, Genevieve L.....	I. <i>C. F.</i>	Missouri.
Huebschen, G. J.....	II. <i>C. F.</i>	Missouri.
Huelsman, Leo P.....	I. <i>Lw.</i>	Missouri.
Hughes, Edward Ted.....	I. <i>Dn.</i>	Illinois.
Hulick, Lester Paul.....	I. <i>P. M.</i>	Illinois.
Humphries, Paul Ambrose.....	I. <i>Md.</i>	Illinois.
Hunt, Arden.....	III. <i>Dn.</i>	Utah.
Hurley, John E.....	II. <i>Lw.</i>	Kansas.
Huschle, Henry Joseph.....	III. <i>Dn.</i>	Illinois.
Hyatt, William Taylor.....	I. <i>Md.</i>	Missouri.
Hynes, Rev. John W.....	IV. <i>Dv.</i>	Texas
Ipe, Murray.....	III. <i>Dn.</i>	Indiana.
Jacobs, G. Dyas.....	I. <i>Dn.</i>	Missouri.
Jacobs, Richard N.....	I. <i>Md.</i>	Montana.
Jaeger, Frank William.....	II. <i>Dn.</i>	Missouri.
Jaekel, Clarence N.....	III. <i>Md.</i>	Michigan.
Jaffe, Lawrence Lewis.....	II. <i>Dn.</i>	New Jersey.
Jeffries, Ray Randolph.....	II. <i>Md.</i>	Iowa.
Jasper, Elmer Alphonse.....	III. <i>Dn.</i>	Missouri.

Jenkins, James T.....	I. <i>Md.</i>	Illinois.
Jenneman, Oliver Louis.....	III. <i>Dn.</i>	Missouri.
Joehnk, Walter Peter.....	I. <i>Dn.</i>	Missouri.
Joern, William Oscar.....	III. <i>Dn.</i>	Missouri.
Johnson, Jessie N.....	I. <i>C. F.</i>	Missouri.
Johnston, John J.....	I. <i>Lw.</i>	Missouri.
Joliat, Joseph	II. <i>Dv.</i>	Ohio.
Jollain, Japhet S.....	III. <i>Dv.</i>	Italy.
Jones, Adam H.....	III. <i>Lw.</i>	Missouri.
Jones, Joshua Everett.....	I. <i>Dn.</i>	Missouri.
Jones, William Raymond.....	I. <i>Md.</i>	Kansas.
Joseph, George Earl.....	III. <i>Md.</i>	Missouri.
Jost, Arthur Henry.....	I. <i>Md.</i>	Missouri.
Juergens, Charles H. W.....	I. <i>Lw.</i>	Missouri.
Kaczmarek, Francis A.....	I. <i>Ph.</i>	Wisconsin.
Kammann, Albert F.....	I. <i>Lw.</i>	Missouri.
Kamman, Wilton A.....	I. <i>C. F.</i>	Missouri.
Kamp, Henry John.....	I. <i>Dn.</i>	Missouri.
Kane, Terence T.....	I. <i>Dv.</i>	Illinois.
Kavanagh, Alfred Louis.....	I. <i>Md.</i>	California.
Kearby, Howard Denton.....	IV. <i>Md.</i>	Missouri.
Keefe, Henry P.....	III. <i>Lw.</i>	Illinois.
Keenoy, Francis P.....	I. <i>Ph.</i>	Missouri.
Keer, George G.....	I. <i>C. F.</i>	Missouri.
Kelly, Aloysius T.....	II. <i>Dv.</i>	Illinois.
Kelly, Arthur J.....	II. <i>Ph.</i>	Illinois.
Kelly, Rev. Thomas.....	IV. <i>Dv.</i>	Illinois.
Kelpe, Elmer G.....	I. <i>Lw.</i>	Missouri.
Kemp, Ernest W.....	I. <i>Lw.</i>	Missouri.
Kenkel, Frederick H.....	III. <i>Lw.</i>	Missouri.
Kennedy, Thomas Robert.....	III. <i>Md.</i>	Indiana.
Kennedy, William Arthur.....	II. <i>Dn.</i>	Oklahoma.
Kenney, James Thad.....	II. <i>P. M.</i>	Missouri.
Kerper, Alver Hubert.....	II. <i>Md.</i>	Iowa.
Kerr, Mark Cyprian.....	III. <i>Dn.</i>	Pennsylvania.
Kiely, Michael J.....	II. <i>Lw.</i>	Missouri.
Kienzle, George J.....	I. <i>C. F.</i>	Missouri.

Kiley, George E.....	I. <i>Ph.</i>	Illinois.
Kilfoy, Edward J.....	I. <i>Md.</i>	Iowa.
Kilker, Clarence Howard.....	III. <i>Md.</i>	Illinois.
Killacky, Urban H.....	II. <i>Dv.</i>	Illinois.
Kindorf, W. A.....	II. <i>C. F.</i>	Missouri.
King, Raymond C.....	I. <i>C. F.</i>	Ohio.
King, Raymond Charles.....	IV. <i>Md.</i>	Missouri.
Kingsborough, Eldon Orton.....	II. <i>Md.</i>	Missouri.
Kircheis, William T.....	I. <i>C. F.</i>	Missouri.
Kircher, Gregory.....	I. <i>C. F.</i>	Missouri.
Kirkwood, Elmer Earl.....	III. <i>Md.</i>	Missouri.
Klem, Nicholas.....	I. <i>P. M.</i>	Missouri.
Knieram, George E.....	I. <i>Lw.</i>	Missouri.
Koeneke, Thomas S.....	I. <i>C. F.</i>	Missouri.
Kopman, William.....	I. <i>C. F.</i>	Missouri.
Knorr, Edwin J.....	I. <i>C. F.</i>	Missouri.
Koeb, Roland Anthony.....	I. <i>P. M.</i>	Missouri.
Kohler, Eugene Jacob.....	I. <i>P. M.</i>	Missouri.
Komen, Max L.....	I. <i>C. F.</i>	Missouri.
Koplo, Ben.....	I. <i>Dn.</i>	Missouri.
Kotkis, Alexander Joseph.....	I. <i>Md.</i>	Pennsylvania.
Kramer, Arthur Elmer.....	I. <i>Md.</i>	Illinois.
Krausnick, Charles.....	I. <i>C. F.</i>	Missouri.
Krebs, George A.....	I. <i>Dn.</i>	Missouri.
Krekeler, Edmund Herman.....	I. <i>Dn.</i>	Illinois.
Kretschmer, Albert, Jr.....	II. <i>Lw.</i>	Missouri.
Kretschmer, Joseph C.....	II. <i>Lw.</i>	Missouri.
Kriegshauser, Walter G.....	II. <i>C. F.</i>	Missouri.
Kroehnke, Walter H.....	II. <i>Lw.</i>	Missouri.
Kroll, J. H.....	II. <i>C. F.</i>	Missouri.
Krost, John G.....	III. <i>Dv.</i>	Indiana.
Kuenzel, Anthony R.....	II. <i>Dv.</i>	Missouri.
Kunce, Ralph W.....	I. <i>C. F.</i>	Missouri.
Kuntz, Albert.....	IV. <i>Md.</i>	Missouri.
Kyle, Raymond.....	I. <i>Dn.</i>	Illinois.
Lager, Alphonse.....	III. <i>Dn.</i>	Missouri.
Lahr, Norbert John.....	I. <i>Dn.</i>	Minnesota.

Lam, Fred Kevai.....	II. <i>Md.</i>	Hawaii.
Lamb, Robert Aloysius.....	I. <i>Md.</i>	Illinois.
Lampertz, Walter T.....	I. <i>C. F.</i>	Missouri.
Lane, Clinton Welsh.....	II. <i>Md.</i>	Kansas.
Lane, William J.....	I. <i>C. F.</i>	Missouri.
Lang, John A.....	Sp. <i>C. F.</i>	Missouri.
Larkin, Harry B.....	I. <i>Lw.</i>	Missouri.
Larkin, Martin James.....	III. <i>Md.</i>	Ohio.
Lauer, William E.....	II. <i>Lw.</i>	Missouri.
Lauer, William John.....	III. <i>Dn.</i>	Minnesota.
Laughlin, Maurice T.....	I. <i>Lw.</i>	Iowa.
Lavender, Walter Antoine.....	II. <i>Md.</i>	Missouri.
Law, Raymond E.....	I. <i>Lw.</i>	Missouri.
Lawson, John D.....	II. <i>Md.</i>	California.
Lawton, Thomas Patrick.....	III. <i>Md.</i>	Missouri.
Laxgan, John A.....	I. <i>C. F.</i>	Missouri.
Leavitt, George.....	I. <i>C. F.</i>	Missouri.
LeBeuf, Louis N.....	II. <i>Dn.</i>	Canada.
Lee, Charles M.....	I. <i>Lw.</i>	Iowa.
Leeper, Frank Robert.....	II. <i>Dn.</i>	Illinois.
Lehr, Oscar C.....	I. <i>C. F.</i> , IV. <i>Lw.</i>	Missouri.
LeMay, Clifford J.....	II. <i>Ph.</i>	Canada.
Lenaghan, Robert Thomas.....	I. <i>Md.</i>	Iowa.
Leonard, F. A.....	II. <i>C. F.</i>	Missouri.
Lewin, Edgar M.....	I. <i>C. F.</i>	Missouri.
Lieb, Otto Vincent.....	IV. <i>Md.</i>	Washington.
Lill, Joseph Charles.....	IV. <i>Md.</i>	Indiana.
Lilly, C. Warren.....	II. <i>Ph.</i>	Kentucky.
Lippold, John Peter.....	I. <i>Dn.</i>	Iowa.
Lockwood, Frank Drake.....	II. <i>Dn.</i>	Illinois.
Loeffler, Harold Henry.....	II. <i>Dn.</i>	Missouri.
Loftus, Edward.....	II. <i>C. F.</i>	Missouri.
Long, George R.....	II. <i>Ar.</i>	Missouri.
Louis, Joseph H.....	I. <i>C. F.</i>	Missouri.
Lounsberry, Ray C.....	IV. <i>Md.</i>	Iowa.
Loveland, Clyde Edwin.....	III. <i>Dn.</i>	Missouri.
Luig, Joseph H.....	I. <i>C. F.</i>	Missouri.

Lynam, Thomas J.....	II. <i>Ph.</i>	Missouri.
Lynch, Eugene Henry.....	III. <i>Md.</i>	California.
Lynch, Joseph H.....	I. <i>C. F.</i>	Missouri.
Lytton, Clyde F.....	III. <i>C. F.</i>	Illinois.
Lytton, Otealia T.....	II. <i>C. F.</i>	Illinois.
McAndrews, Joseph M.....	III. <i>Ph.</i>	Colorado.
McAstocker, John C.....	II. <i>Dv.</i>	Ontario.
McAtee, Glen P.....	II. <i>C. F.</i>	Missouri.
McCabe, William H.....	II. <i>Ph.</i>	Iowa.
McCarthy, Lee D.....	Sp. <i>C. F.</i>	Missouri.
McCarthy, Joseph A.....	II. <i>Lw.</i>	Missouri.
McCarthy, Paul Vincent.....	I. <i>P. M.</i>	South Dakota.
McCarthy, Raphael C.....	I. <i>Dv.</i>	Michigan.
McClure, George W.....	III. <i>C. F.</i>	Missouri.
McConn, John S.....	III. <i>C. F.</i>	Missouri.
McCormick, Clarence Ignatius.....	III. <i>Md.</i>	Missouri.
McCoy, George W.....	I. <i>C. F.</i>	Iowa.
McCracken, William Arthur.....	I. <i>Dn.</i>	Illinois.
McCummiskey, Rev. John H.....	IV. <i>Dv.</i>	Illinois.
McCutchen, John Howell.....	III. <i>Dn.</i>	Missouri.
McCutchen, Paul Frank.....	II. <i>Dn.</i>	Missouri.
McDermott, Hugh Thomas.....	II. <i>Dn.</i>	Illinois.
McDonald, Gilbert.....	I. <i>C. F.</i>	Missouri.
McDonnell, Francis M.....	III. <i>C. F.</i>	Missouri.
McGalloway, George E.....	I. <i>Ph.</i>	Wisconsin.
McGarry, Charles F.....	III, IV. <i>Ar.</i>	Missouri.
McGeever, Lloyd.....	I. <i>Lw.</i>	Missouri.
McGrail, George A.....	I. <i>Lw.</i>	Missouri.
McGrath, Edward A.....	I. <i>Ar.</i>	Missouri.
McGrath, John Newton.....	II. <i>Md.</i>	Iowa.
McGucken, William J.....	III. <i>Ph.</i>	Wisconsin.
McInerny, Martin T.....	III. <i>Ar.</i>	Missouri.
McIntyre, William Kress.....	I. <i>P. M.</i>	Ohio.
McMahon, Alphonse.....	III. <i>Md.</i>	Missouri.
McNamara, John A.....	Sp. <i>Ar.</i>	Missouri.
McNearney, Thomas O.....	I. <i>Lw.</i>	Missouri.
McQuillan, Eugene Albert.....	III. <i>Md.</i>	Illinois.

McShane, Gerald Stone.....	II. <i>Md.</i>	Wisconsin.
McWilliams, Rev. James A.....	IV. <i>Dv.</i>	Kansas.
Mabry, Paul P.....	I. <i>C. F.</i>	Missouri.
Macelwane, James B.....	III. <i>Dv.</i>	Ohio.
Mackler, Jacob A.....	I. <i>Lw.</i>	Missouri.
MacKinnin, Russell C.....	I. <i>C. F.</i>	Missouri.
Maguire, Clarence	II. <i>Lw.</i>	Missouri.
Maguire, Mary A.....	I. <i>C. F.</i>	Missouri.
Maguire, Roderick Hugh.....	IV. <i>Md.</i>	Missouri.
Maher, Edward F.....	II. <i>Ph.</i>	Illinois.
Mahoney, Francis Joseph.....	IV. <i>Md.</i>	Ohio.
Makins, James.....	II. <i>Md.</i>	Kansas.
Maley, Justin John.....	II. <i>Dn.</i>	Iowa.
Maley, Walter F.....	III. <i>Lw.</i>	Iowa.
Mallick, George Rudolph.....	II. <i>Dn.</i>	North Dakota.
Mallinckrodt, Paul Ludwig.....	III. <i>Dn.</i>	Missouri.
Maloney, John James.....	I. <i>Md.</i>	Ohio.
Mankowski, Max G.....	II. <i>Ph.</i>	Poland.
Mann, Robert Earl.....	II. <i>Md.</i>	Texas.
Mann, S. H.....	III. <i>C. F.</i>	Missouri.
Manning, Leo Kenrick.....	III. <i>Dn.</i>	Missouri.
Mantler, Anthony M.....	II. <i>Lw.</i>	Missouri.
Marinovich, Peter B.....	II. <i>P. M.</i>	California.
Markert, Albert John.....	II. <i>Dn.</i>	Illinois.
Marre, Angelo J.....	II. <i>Lw.</i>	Missouri.
Martin, Donald David.....	II. <i>Md.</i>	Ohio.
Martin, George L.....	I. <i>C. F.</i>	Missouri.
Martin, Thomas J.....	III. <i>Ph.</i>	Nebraska.
Matthews, Karl B.....	I. <i>Lw.</i>	Missouri.
Matthews, R. C.....	I. <i>C. F.</i>	Missouri.
Maurer, Frederic George.....	II. <i>Md.</i>	Ohio.
Max, Ralph Carter.....	II. <i>Dn.</i>	Missouri.
May, Robert Jamerson.....	II. <i>Dn.</i>	Missouri.
Mayle, Edward Frank.....	II. <i>Dn.</i>	Ohio.
Mayley, Edward F.....	I. <i>Lw.</i>	Ohio.
Mead, Victor Ray.....	I. <i>Dn.</i>	Missouri.
Medler, Edward Arnold.....	I. <i>P. M.</i>	Missouri.

Medler, Francis John.....	I. <i>P. M.</i>	Missouri.
Meinhardt, Victor Julius.....	I. <i>Md.</i>	Missouri.
Mendelson, Nat T.....	II. <i>Lw.</i>	Missouri.
Merton, Chester F.....	I. <i>Lw.</i>	Missouri.
Meyer, E. F. J.....	III. <i>C. F.</i>	Missouri.
Meyer, G. F.....	III. <i>C. F.</i>	Missouri.
Meyer, Harry Frederick Charles.....	III. <i>Dn.</i>	Missouri.
Meyer, H. E.....	II. <i>C. F.</i>	Missouri.
Meyer, Rev. Lawrence T.....	IV. <i>Dv.</i>	Ohio.
Meyer, Walter M.....	III. <i>C. F.</i>	Missouri.
Michalak, Joseph J.....	III. <i>Md.</i>	Kansas.
Miller, Edith.....	I. <i>C. F.</i>	Missouri.
Miller, Jesse, Jr.....	II. <i>Dn.</i>	Missouri.
Miller, Lillian E.....	I. <i>Lw.</i>	Missouri.
Miller, William J.....	I. <i>C. F.</i>	Missouri.
Mitchell, William Franklin.....	I. <i>Md.</i>	Missouri.
Moldafsky, Jacob M.....	II. <i>Lw.</i>	Missouri.
Moll, Nathaniel J.....	I. <i>Lw.</i>	Missouri.
Monaghan, Rev, Edward V.....	IV. <i>Dv.</i>	Wisconsin.
Monaghan, Walter James.....	II. <i>Md.</i>	Kansas.
Monaghan, Willis Arthur.....	II. <i>Md.</i>	Kansas.
Monell, Henry Shaw.....	II. <i>Dn.</i>	Missouri.
Monsabert, Andre J. de.....	I. <i>Dv.</i>	Louisiana.
Moore, Thomas J.....	III. <i>Dv.</i>	Illinois.
Moorman, Rev. Otto J.....	IV. <i>Dv.</i>	Ohio.
Mootz, John P.....	II. <i>Dv.</i>	Kansas.
Moran, Thomas Joseph.....	I. <i>P. M.</i>	Illinois.
Morey, John Frederick.....	I. <i>Md.</i>	Illinois.
Moriarty, James Timothy.....	II. <i>Md.</i>	Washington.
Morrison, Robert B.....	III. <i>Ph.</i>	Missouri.
Morton, Wilfred Hugh.....	II. <i>Dn.</i>	Missouri.
Moss, Merton Carl.....	II. <i>Md.</i>	Missouri.
Motzel, Albert J.....	II. <i>Md.</i>	Missouri.
Motzel, Albert Joseph.....	IV. <i>Ar.</i>	Missouri.
Muckermann, Richard.....	I. <i>C. F.</i>	Missouri.
Mueller, Edwin Leo.....	I. <i>Md.</i>	Texas.
Mueller, Geo. A.....	I. <i>C. F.</i>	Missouri.

Mueller, Wilbur Kenneth.....	I. <i>P. M.</i>	Illinois.
Muenzer, Joseph A.....	IV. <i>Md.</i>	Ohio.
Mulvihill, Francis X.....	II. <i>Ar.</i>	Missouri.
Murdoch, Charles H.....	II. <i>C. F.</i>	Missouri.
Murdoch, John H.....	III. <i>C. F.</i>	Missouri.
Murphy, Bernard M.....	II. <i>C. F.</i>	Missouri.
Murphy, Clarence Richard.....	II. <i>Dn.</i>	New York.
Murphy, Elmer J.....	I. <i>C. F.</i>	Missouri.
Murphy, Francis A.....	I. <i>C. F.</i>	Missouri.
Murphy, George Clement.....	III. <i>Md.</i>	Iowa.
Murphy, John Thomas.....	II. <i>Dn.</i>	Illinois.
Murphy, Joseph P.....	I. <i>Md.</i>	Missouri.
Murphy, P. Frank.....	II. <i>Md.</i>	California.
Murphy, Russell W.....	I. <i>Lw.</i>	Missouri.
Murphy, William R.....	I. <i>Lw.</i>	Illinois.
Murray, R. E.....	II. <i>C. F.</i>	Missouri.
Murrin, John Owen.....	I. <i>Md.</i>	Missouri.
Naert, Alphonse, Jr.....	I. <i>Dn.</i>	Missouri.
Neander, Rev. John H.....	IV. <i>Dv.</i>	Sweden.
Nelson, Herman.....	I. <i>C. F.</i>	Missouri.
Neu, Bernard A.....	I. <i>Dv.</i>	New York.
Neubeiser, Joseph Benedict.....	II. <i>Md.</i>	Missouri.
Neumayer, J. M.....	II. <i>C. F.</i>	Missouri.
Neun, William Frederic.....	III. <i>Md.</i>	Missouri.
Niehaus, Alfred J.....	I. <i>C. F.</i>	Missouri.
Nies, Russell J.....	I. <i>C. F.</i>	Missouri.
Nolting, William Edward.....	III. <i>Dn.</i>	Illinois.
Noonan, John A.....	I. <i>Ph.</i>	Ireland.
Norris, Clarence Edward.....	II. <i>Dn.</i>	Illinois.
Novotny, Edward Joseph.....	II. <i>Md.</i>	Ohio.
Novotny, Gracian.....	I. <i>C. F.</i>	Missouri.
Nuelle, Frank P.....	I. <i>Lw.</i>	Missouri.
Nunn, John B.....	I. <i>C. F.</i>	Missouri.
Nye, William Rolla.....	I. <i>Md.</i>	Missouri.
Nystrom, N. A.....	Sp. <i>C. F.</i>	Missouri.
Obert, J. L.....	II. <i>C. F.</i>	Missouri.
Obermeier, J. B. G.....	I. <i>C. F.</i>	Missouri.

O'Brien, Edward Cornelius.....	I. <i>P. M.</i>	Iowa.
O'Brien, Harold J.....	II. <i>C. F.</i>	Missouri.
O'Brien, Harry Malcolm.....	IV. <i>Md.</i>	Ohio.
O'Brien, Joseph E.....	II. <i>Dv.</i>	Iowa.
O'Brien, Paul Francis.....	II. <i>Dn.</i>	Missouri.
O'Brien, Rev. Peter A.....	<i>Dv.</i>	Ohio.
Och, Walter Gustave.....	III. <i>Dn.</i>	Illinois.
Ochs, Frank August.....	I. <i>Dn.</i>	Illinois.
O'Connell, Daniel M.....	III. <i>Dv.</i>	Kentucky.
O'Connell, Patrick B.....	III. <i>Md.</i>	Minnesota.
O'Day, John.....	II. <i>Md.</i>	Montana.
Odell, Leroy C.....	III. <i>C. F.</i>	Missouri.
O'Donnell, Francis Joseph.....	II. <i>Md.</i>	Michigan.
Offner, Walter L.....	I. <i>Lw.</i>	Missouri.
O'Hayer, D. J.....	Sp. <i>C. F.</i>	Missouri.
O'Keefe, Lester A.....	I. <i>Lw.</i>	Missouri.
Oldeg, Leonard L.....	I. <i>Lw.</i>	Missouri.
Oliver, Broadus M.....	I. <i>Lw.</i>	Missouri.
Omar, Hassan.....	III. <i>Md.</i>	Egypt.
O'Neill, John R.....	II. <i>Md.</i>	California.
O'Phelan, James J.....	IV. <i>Lw.</i>	Missouri.
Overstreet, Walter Cunningham.....	IV. <i>Md.</i>	Missouri.
Owen, Lenna Bryant.....	II. <i>Dn.</i>	Kentucky.
Oxenhandler, Louis L.....	III. <i>C. F.</i>	Missouri.
Ozment, Arthur Orbie.....	III. <i>Dn.</i>	Illinois.
Padon, Byrne A.....	III. <i>C. F.</i>	Missouri.
Palmer, Mark Edward.....	II. <i>Dn.</i>	Iowa.
Pareti, Auguste Joseph.....	IV. <i>Md.</i>	Louisiana.
Parr, Garth D.....	I. <i>C. F.</i>	Missouri.
Paruzynski, William F.....	I. <i>Dv.</i>	Wisconsin.
Pasch, Clarence Ira.....	II. <i>Dn.</i>	Missouri.
Peal, William H.....	I. <i>Lw.</i>	Kentucky.
Pecau, Elvus Jerry.....	II. <i>Dn.</i>	Missouri.
Peitz, Theodore F.....	I. <i>Ph.</i>	Missouri.
Penaat, William H.....	I. <i>Lw.</i>	Missouri.
Pepple, Glyde.....	II. <i>Dn.</i>	Illinois.
Perk, Laurence M.....	I. <i>Ph.</i>	Missouri.

Perkins, Elmer W.	III. <i>C. F.</i>	Missouri.
Perry, Alfred	III. <i>Dn.</i>	Missouri.
Perry, Wallace B.	IV. <i>Md.</i>	Illinois.
Pfeffer, F. Joseph	I. <i>Ar.</i>	Missouri.
Phelan, William	II. <i>C. F.</i>	Missouri.
Phillips, R. St. C.	II. <i>C. F.</i>	Missouri.
Pickett, John Wilbur	II. <i>Dn.</i>	Missouri.
Piekarski, Anthony Andrew	I. <i>P. M.</i>	Missouri.
Piekenbrock, Frank J.	II. <i>Md.</i>	Iowa.
Plag, Albert F.	IV. <i>Md.</i>	Michigan.
Ploussard, Charles Nicholas	II. <i>P. M.</i>	Illinois.
Poe, Earl John	III. <i>Dn.</i>	Illinois.
Pogratsky, Saul	I. <i>C. F.</i>	Illinois.
Poirot, Severine A.	III. <i>Lw.</i>	Illinois.
Polak, William T.	I. <i>Lw.</i>	Missouri.
Polski, John L.	II. <i>Ph.</i>	Nebraska.
Poncot, Wallace Louie	II. <i>P. M.</i>	Missouri.
Pope, William H.	I. <i>Lw.</i>	Illinois.
Porth, Edgar	II. <i>Dn.</i>	Missouri.
Posen, E. A.	II. <i>C. F.</i>	Missouri.
Powell, George McCardle	I. <i>Md.</i>	Missouri.
Powell, Rudolph Virchow	III. <i>Md.</i>	Missouri.
Powers, Francis Edmund	III. <i>Md.</i>	Iowa.
Powers, Thomas J.	II. <i>Ph.</i>	Kentucky.
Pratt, John O.	I. <i>C. F.</i>	Missouri.
Preece, Wade Owen	I. <i>Md.</i>	Michigan.
Preuss, James	III. <i>Dv.</i>	Missouri.
Price, Francis X.	I. <i>C. F.</i>	Missouri.
Proctor, John C.	I. <i>Dn.</i>	Illinois.
Profilet, Louis Emile	I. <i>P. M.</i>	Illinois.
Puhl, Louis J.	I. <i>Dv.</i>	Ohio.
Pulskamp, Marinus Henry	IV. <i>Md.</i>	Ohio.
Puster, Alvin A.	I. <i>C. F.</i>	Missouri.
Pylant, Kelsie Otto	I. <i>Dn.</i>	Arkansas.
Quinn, Francis Berchmans	II. <i>Md.</i>	California.
Quirin, Warren Sylvester	I. <i>Md.</i>	Missouri.
Rabinovich, Joe Edward	I. <i>Dn.</i>	North Dakota.

Rabitt, Helen A.....	I. C. F.....	Missouri.
Raidt, Peter J.....	I. C. F.....	Missouri.
Ralph, Frederick J.....	I. Dv.....	California.
Ramognino, Michael A.....	II. Dv.....	Argentine.
Rawleigh, George Nelson.....	I. P. M.....	Kentucky.
Reader, Russell F.....	II. C. F.....	Illinois.
Reardon, John A.....	I. Lw.....	Missouri.
Reardon, Julia M.....	I. C. F.....	Missouri.
Redmond, J. J.....	II. C. F.....	Missouri.
Regnet, Henry H.....	I. Dv.....	New York.
Reher, Albrecht	II. C. F.....	Missouri.
Rehm, Edgar Francis.....	II. Dn.....	Missouri.
Reilly, Ignatius T.....	II. Dv.....	Wisconsin.
Reilly, Thomas Francis.....	I. P. M.....	Missouri.
Reilly, William Joseph.....	II. P. M.....	Colorado.
Rejint, Anthony J.....	I. Md.....	Ohio.
Remick, Andrew B.....	IV. Lw.....	Missouri.
Remley, Edmund Benedict.....	I. Dn.....	Minnesota.
Remmers, Elmer F.....	I. Lw.....	Missouri.
Renard, Joseph	I. Lw.....	Missouri.
Reno, George L.....	II. Ph.....	Michigan.
Reutchler, Edgar Daniel.....	III. Dn.....	Missouri.
Reynolds, Thomas A.....	II. Lw.....	Illinois.
Reynolds, Thomas E.....	II. Ph.....	Illinois.
Rezits, Albert	I. C. F.....	Missouri.
Rhea, Clarence Ward.....	IV. Md.....	Texas.
Rhoades, Reuben Roy.....	II. Dn.....	Missouri.
Richardson, Charles E.....	II. Lw.....	Missouri.
Richardson, Walter King.....	III. Dn.....	Missouri.
Richtern, Ralph Henry.....	I. Ar.....	Missouri.
Riess, F. W.....	II. C. F.....	Missouri.
Rigor, Albert Ernst.....	I. Dn.....	Illinois.
Riley, Philip Arthur.....	I. Md.....	Michigan.
Ring, Vincent P.....	IV. Ar.....	Missouri.
Rinsche, Herman J.....	II. Dv.....	Argentine.
Riordan, Lawrence M.....	III. Md.....	Missouri.
Riordan, M. J.....	II. C. F.....	Missouri.

Rippe, Martin Theodore.....	I. <i>Dn.</i>	Missouri.
Ritayik, Rudolph A.....	II. <i>Lw.</i>	Missouri.
Ritter, F. T.....	I. <i>C. F.</i>	Missouri.
Robb, Wilfred S.....	II. <i>Ph.</i>	Ohio.
Roberts, Louis S.....	II. <i>Md.</i>	Kentucky.
Robertson, Francis Jackson.....	III. <i>Dn.</i>	Arkansas.
Robertson, James F.....	I. <i>C. F.</i>	Missouri.
Robertson, James G.....	I. <i>C. F.</i>	Missouri.
Rock, Leo P.....	I. <i>C. F.</i>	Missouri.
Roeder, Oscar G.....	III. <i>C. F.</i>	Missouri.
Roemer, Walter A.....	III. <i>Ph.</i>	Ohio.
Rogers, C. G.....	I. <i>C. F.</i>	Illinois.
Rohmann, Mary M.....	I. <i>C. F.</i>	Missouri.
Rooney, Rickard R.....	II. <i>Lw.</i>	Michigan.
Rose, Alfred L.....	IV. <i>Lw.</i>	Missouri.
Rosecan, Harry P.....	II. <i>Lw.</i>	Missouri.
Rosenfeld, Henry.....	II. <i>Md.</i>	Missouri.
Rosenfeld, Milton.....	III. <i>Lw.</i>	Missouri.
Ross, Herman Charles.....	IV. <i>Md.</i>	Missouri.
Rotchford, Robert Lee.....	I. <i>Md.</i>	Washington.
Roy, Edgar L.....	III. <i>C. F.</i>	Missouri.
Royal, James W.....	II. <i>Lw.</i>	Missouri.
Rueppel, Henry C.....	III. <i>C. F.</i>	Missouri.
Rutledge, John Frederick.....	II. <i>Md.</i>	Missouri.
Rutledge, Richard Martin.....	I. <i>Md.</i>	Missouri.
Ruweler, Howard.....	I. <i>C. F.</i>	Missouri.
Ryan, Earl Vincent.....	I. <i>Dn.</i>	Illinois.
Ryan, Francis A.....	III. <i>Ph.</i>	Missouri.
Ryan, James B.....	III. <i>Lw.</i>	Missouri.
Ryan, James J.....	II. <i>Dv.</i>	New Jersey.
Ryan, O'Neil, Jr.....	II. <i>Ar.</i>	Missouri.
Ryan, William A.....	I. <i>Dv.</i>	Ohio.
Sachse, Douglas C.....	II. <i>Lw.</i>	Missouri.
Salud, Eusebio B.....	II. <i>Md.</i>	Philippine Islands.
Salomo, Ervin A.....	II. <i>Lw.</i>	Missouri.
Sanders, Harry C.....	I. <i>C. F.</i>	Missouri.
Sanders, Philip.....	I. <i>Ar.</i>	Missouri.

Sandbrink, Joseph Henry.....	II. <i>Dn.</i>	Missouri.
Santos, Pedro Nelson.....	I. <i>Dn.</i>	Cent. America
Savage, Claude A.....	II. <i>Md.</i>	Wisconsin.
Sautman, Edward P.....	I. <i>C. F.</i>	Missouri.
Schaefer, Arthur C.....	IV. <i>Ar.</i>	Missouri.
Schaefer, George J.....	II. <i>P. M.</i>	Illinois.
Schaefer, Leo J.....	I. <i>Md.</i>	Kansas.
Schaefer, Michael A.....	III. <i>Ph.</i>	Missouri.
Schaffner, Charles E.....	II. <i>Lw.</i>	Missouri.
Scheirman, H. B.....	I. <i>C. F.</i>	Missouri.
Scherer, Peter J.....	I. <i>Dv.</i>	Indiana.
Scherf, Chrisman George.....	III. <i>Md.</i>	Missouri.
Schermer, Jake.....	II. <i>P. M.</i>	Illinois.
Schewe, Earl Cranston.....	I. <i>Dn.</i>	Missouri.
Schiermann, John C.....	IV. <i>Ar.</i>	Missouri.
Schleper, Henry J.....	III. <i>Lw.</i>	Missouri.
Schlernitzauer, Joseph Anthony.....	IV. <i>Md.</i>	Ohio.
Schlichter, John E.....	III. <i>Lw.</i>	Missouri.
Schmandt, Clarence A.....	I. <i>C. F.</i>	Missouri.
Schmandt, Raymond H.....	I. <i>C. F.</i>	Missouri.
Schmandt, Raymond H.....	IV. <i>Ar.</i>	Missouri.
Schmidt, Rev. Austin G.....	IV. <i>Dv.</i>	Ohio.
Schmitt, Alphonse R.....	I. <i>Dv.</i>	Ohio.
Schmitt, Oscar J.....	II. <i>Md.</i>	Wisconsin.
Schmitz, J. G.....	I. <i>C. F.</i>	Missouri.
Schnakenberg, Fred J.....	II. <i>C. F.</i>	Missouri.
Schnaus, H. A.....	I. <i>C. F.</i>	Missouri.
Schneider, Nicholas Aloys.....	I. <i>Md.</i>	Missouri.
Schneider, William G.....	I. <i>C. F.</i>	Missouri.
Schneider, William L.....	II. <i>Lw.</i>	Missouri.
Schneider, William W.....	II. <i>Lw.</i>	Missouri.
Schotten, Hubertus.....	IV. <i>Ar.</i>	Missouri.
Schoumenoff, Alexander.....	III. <i>Lw.</i>	Illinois.
Schreiner, Edward Olin.....	II. <i>Md.</i>	Missouri.
Schroeder, George Philip.....	I. <i>Dn.</i>	Missouri.
Schuchardt, A. C.....	II. <i>C. F.</i>	Missouri.
Schumacher, Henry Cyril.....	III. <i>Md.</i>	Nebraska.

Schwaig, John Adolph.....	II. <i>Dn</i>	Missouri.
Schwartz, Edward K.....	IV. <i>Lw</i>	Missouri.
Schwarz, F. W.....	I. <i>C. F</i>	Missouri.
Schweig, J. A.....	II. <i>C. F</i>	Missouri.
Scott, Joseph L.....	II. <i>Ph</i>	Illinois.
Senrick, Frederick Aloysius D.....	I. <i>P. M</i>	Minnesota.
Settle, Francis Boas,	IV. <i>Md</i>	Missouri.
Setzekorn, William Elmer.....	II. <i>Dn</i>	Illinois.
Seward, George R.....	II. <i>Md</i>	Illinois.
Sewell, Walter Sylvester.....	I. <i>Md</i>	Missouri.
Sexton, Elmer Edwin.....	II. <i>Md</i>	Illinois.
Seymour, A. Eugene.....	III. <i>Dn</i>	Illinois.
Seymour, Walter, M.....	II. <i>Dv</i>	Michigan.
Shade, Virgil Edward.....	III. <i>Md</i>	Iowa.
Shamel, William Leonard.....	II. <i>Dn</i>	Missouri.
Sharon, James P.....	I. <i>P. M</i>	Iowa.
Sheridan, James J.....	I. <i>C. F</i>	Missouri.
Shickman, M. A.....	I. <i>C. F</i>	Missouri.
Shimmin, Loyd.....	III. <i>Dn</i>	Utah.
Shiple, George J.....	II. <i>Ph</i>	Ohio.
Shoemake, Joseph Alonzo.....	I. <i>Dn</i>	Missouri.
Siemers, Edmond A.....	I. <i>Lw</i>	Missouri.
Siemers, Walter George.....	III. <i>Dn</i>	Missouri.
Siff, Edward Farille.....	II. <i>Md</i>	Missouri.
Signaigo, Edward Charles.....	II. <i>Dn</i>	Missouri.
Sigrist, Frederick Gorman.....	III. <i>Dn</i>	Missouri.
Simon, Jerome	I. <i>Ar</i>	Missouri.
Sipchen, George M.....	I. <i>Dv</i>	Michigan.
Skaer, John Clarence.....	III. <i>Dn</i>	Illinois.
Sloctemyer, Rev. Hugo F.....	IV. <i>Dv</i>	Ohio.
Smith, Carl Clifford.....	I. <i>Md</i>	Missouri.
Smith, Francis J.....	II. <i>Dv</i>	Illinois.
Smith, Howard Samuel.....	III. <i>Dn</i>	Illinois.
Smith, Justin Clarence.....	I. <i>Dn</i>	Missouri.
Smith, Leonard Aubrey.....	III. <i>Dn</i>	Arkansas.
Smothers, Edgar R.....	I. <i>Ph</i>	Illinois.
Snopek, Leonard Louis.....	I. <i>Dn</i>	Iowa.

Sondhaus, Charles H.....	I. <i>C. F.</i>	Missouri.
Spelman, J. Godfrey.....	I. <i>Lw.</i>	Missouri.
Spitzer, Saul.....	I. <i>Lw.</i>	Missouri.
Spresser, Joseph William.....	I. <i>Dn.</i>	Kansas.
Stadler, Erman.....	I. <i>Md.</i>	Missouri.
Stallman, Edward Fred.....	III. <i>Dn.</i>	Illinois.
Stanford, Vern Bunn.....	II. <i>Md.</i>	Illinois.
Stangler, Albert J.....	II. <i>Lw.</i>	Missouri.
Stankovich, Proka N.....	II. <i>Lw.</i>	Missouri.
Starling, Lou Reginald.....	III. <i>Dn.</i>	Missouri.
Starling, William Dewey.....	II. <i>Dn.</i>	Missouri.
Stechschulte, Victor C.....	II. <i>Ph.</i>	Ohio.
Stecker, George.....	I. <i>Md.</i>	Arizona.
Steigerwald, Arthur F.....	I. <i>Lw.</i>	Missouri.
Stephens, John Gordan.....	III. <i>Dn.</i>	Missouri.
Stevens, Myrtle O.....	II. <i>Lw.</i>	Missouri.
Stilley, Charles Norwin.....	II. <i>Dn.</i>	Illinois.
Steward, Guss Byron.....	II. <i>Md.</i>	Missouri.
Stewart, H. C.....	II. <i>C. F.</i>	Missouri.
Stocker, Dan.....	II. <i>C. F.</i>	Illinois.
Stoelzle, Joseph Daniel.....	II. <i>Md.</i>	Illinois.
Stokely, Zera Lee.....	III. <i>Dn.</i>	Missouri.
Storr, Lee V.....	I. <i>C. F.</i>	Missouri.
Street, Zeph Wright.....	III. <i>Dn.</i>	Missouri.
Striegel, Bernard Francis.....	IV. <i>Md.</i>	Iowa.
Stroebel, Walter A.....	I. <i>C. F.</i>	Missouri.
Strub, Herbert Joseph.....	III. <i>Md.</i>	Missouri.
Strubinger, Taylor W.....	II. <i>Lw.</i>	Illinois.
Stucki, James Michael.....	IV. <i>Md.</i>	Oklahoma.
Sullivan, Charles P.....	I. <i>Dv.</i>	Illinois.
Sullivan, Henry L.....	II. <i>Ph.</i>	Nebraska.
Sullivan, J. B.....	IV. <i>Ar.</i>	Missouri.
Sullivan, Vincent A.....	II. <i>Lw.</i>	Missouri.
Sum, Othmar John.....	I. <i>Md.</i>	Indiana.
Summa, Henry T.....	I. <i>Md.</i>	Missouri.
Summerlin, Jacob David.....	I. <i>Dn.</i>	Missouri.
Sweeney, Paul J.....	II. <i>Ph.</i>	Kentucky.

Taake, E. W.....	II. <i>C. F.</i>	Missouri.
Tandy, William H.....	I. <i>C. F.</i>	Missouri.
Taylor, Thomas R.....	I. <i>Lw.</i>	Missouri.
Tennenbaum, William.....	II. <i>Lw.</i>	Missouri.
Thien, Charles L.....	I. <i>C. F.</i>	Missouri.
Thilenius, George H.....	II. <i>C. F.</i>	Missouri.
Thole, Joseph Aloysius.....	II. <i>Dn.</i>	Missouri.
Thomas, Jacob Earl.....	IV. <i>Md.</i>	Washington.
Thomas, Milo I.....	I. <i>Dn.</i>	Missouri.
Thompson, Arthur Murray.....	IV. <i>Md.</i>	Michigan.
Thompson, Benjamin.....	II. <i>Dn.</i>	Missouri.
Thompson, George Elright.....	I. <i>Md.</i>	Kansas.
Titus, John Raymond.....	II. <i>Dn.</i>	Illinois.
Tobin, Thomas C.....	I. <i>C. F.</i>	Missouri.
Tobin, Thomas J., Jr.....	II. <i>Ar.</i>	Missouri.
Todd, Claud Edgar.....	I. <i>Dn.</i>	Missouri.
Torre, Angel.....	I. <i>C. F.</i>	Missouri.
Torrence Louis J.....	I. <i>C. F.</i>	Missouri.
Touhill, Joseph Edward.....	Sp. <i>Ar.</i>	Missouri.
Trares, Wilbur A.....	III. <i>Lw.</i>	Illinois.
Travelstead, Everett.....	III. <i>Dn.</i>	Illinois.
Traylor, Guy Henry.....	II. <i>Dn.</i>	Illinois.
Treutzal, William Frederick.....	III. <i>Dn.</i>	Missouri.
Tucker, Joseph A.....	I. <i>Lw.</i>	Missouri.
Tunnell, Robert W.....	I. <i>C. F.</i>	Illinois.
Turner, Henry Hubert.....	III. <i>Md.</i>	Illinois.
Turner, Jean M.....	I. <i>C. F.</i>	Missouri.
Uetz, John W.....	I. <i>Md.</i>	Wisconsin.
Ulrey, Julia M.....	I. <i>C. F.</i>	Missouri.
Ulrich, Richard J.....	I. <i>C. F.</i>	Missouri.
Unrein, Gerard C.....	IV. <i>Md.</i>	Kansas.
Van Iseghen, Angela F.....	I. <i>C. F.</i>	Missouri.
Van Nest, Alfred Earl.....	IV. <i>Md.</i>	Michigan.
Vessels, Francis Meredith.....	II. <i>Dn.</i>	Missouri.
Vettori, Jasper R.....	III. <i>Lw.</i>	Missouri.
Vien, Henry Grady.....	IV. <i>Ar.</i>	Illinois.
Viedt, Frederick Sharpless.....	III. <i>Dn.</i>	Missouri.

Vize, James LeRoy.....	II. <i>Dn.</i>	Kentucky.
Vogel, Edward B.....	II. <i>Md.</i>	Ohio.
Vogelsang, Ferdinand John.....	III. <i>Dn.</i>	Illinois.
Vogler, Charles C.....	I. <i>Lw.</i>	Missouri.
Voorheese, William G.....	II. <i>Lw.</i>	Missouri.
Wachowiak, Marion.....	I. <i>Md.</i>	Missouri.
Wade, Noble Edward.....	III. <i>Dn.</i>	Missouri.
Wagenfuehr, Albert.....	I. <i>C. F.</i>	Missouri.
Wagner, Edwin Rudolph.....	III. <i>Dn.</i>	Illinois.
Wagner, Richard Joseph.....	I. <i>P. M.</i>	Ohio.
Wall, Catherine B.....	I. <i>C. F.</i>	Missouri.
Walsh, James F.....	I. <i>Dv.</i>	Wisconsin.
Walsh, Raymond B.....	II. <i>Ph.</i>	Indiana.
Walter, Eugene J.....	I. <i>C. F.</i>	Illinois.
Walters, William Huey.....	II. <i>Md.</i>	Illinois.
Waltke, H. B.....	I. <i>C. F.</i>	Missouri.
Walz, August.....	II. <i>Dn.</i>	Missouri.
Wand, August C.....	III. <i>Dv.</i>	Wisconsin.
Ward, Clarence Vincent.....	III. <i>Md.</i>	Illinois.
Warner, Edwin Morton.....	II. <i>P. M.</i>	Illinois.
Warner, Robert Gail.....	II. <i>P. M.</i>	Illinois.
Waters, Orley Morton.....	II. <i>Md.</i>	Illinois.
Waters, Willard.....	<i>Sp. Ar.</i>	Illinois.
Watson, V. K.....	I. <i>C. F.</i>	Missouri.
Webb, Paul Benedict.....	I. <i>Md.</i>	Ohio.
Weger, Carl Carson.....	I. <i>Md.</i>	Illinois.
Wechsler, E. C.....	I. <i>C. F.</i>	Missouri.
Weedin, James Erwin.....	II. <i>Dn.</i>	Missouri.
Weicht, Frank John.....	III. <i>Dn.</i>	Indiana.
Weigle, Florence E.....	I. <i>C. F.</i>	Missouri.
Weiser, William J.....	I. <i>C. F.</i>	Missouri.
Weinand, T. C.....	II. <i>C. F.</i>	Missouri.
Weis, John William.....	III. <i>Dn.</i>	Missouri.
Weisenberg, Edward J.....	II. <i>Ph.</i>	Illinois.
Weisenhorn, Carl M.....	I. <i>Dv.</i>	Illinois.
Weisstein, Saul.....	II. <i>Dn.</i>	Missouri.
Welch, Edward Aloysius.....	III. <i>Md.</i>	Ohio.

Welsh, John Edward.....	II. <i>Md.</i>	Illinois.
Weltmer, Silas Woodson.....	I. <i>Md.</i>	Missouri.
Wendt, Frederick A.....	III. <i>Lw.</i>	Missouri.
Wenige, Carl Joseph.....	II. <i>Dn.</i>	Missouri.
Westlake, Richard E.....	I. <i>Md.</i>	Missouri.
Westphaelinger, Henry.....	III. <i>Md.</i>	Missouri.
Weston, Claude L.....	I. <i>Md.</i>	Indiana.
Wheelon, Homer.....	IV. <i>Md.</i>	Missouri.
Whipple, George C.....	II. <i>Dv.</i>	New York.
White, Benedict E.....	II. <i>Lw.</i>	Missouri.
White, Homer Franklin.....	II. <i>Md.</i>	Missouri.
White, John S.....	I. <i>Dv.</i>	Massachusetts.
White, Orville Oscar.....	I. <i>Md.</i>	Illinois.
White, Paul T.....	III. <i>Lw.</i>	Missouri.
White, Victor V.....	I. <i>Dv.</i>	California.
Whittaker, Richard J.....	I. <i>C. F.</i>	Missouri.
Wiccarver, Luther Otto.....	II. <i>Dn.</i>	Missouri.
Wilber, W. A.....	II. <i>C. F.</i>	Missouri.
Wilcox, Beryl Harrison.....	IV. <i>Md.</i>	Missouri.
Wilcox, Claude Vernon.....	I. <i>Md.</i>	Illinois.
Wild, Willord Wilfred.....	IV. <i>Md.</i>	Iowa.
Williams, Mary F.....	I. <i>C. F.</i>	Missouri.
Wilhelm, Francis X.....	II. <i>C. F.</i>	Missouri.
Wilhelm, Louis F. X.....	II. <i>Md.</i>	Missouri.
Wilhelmj, Charles Martell.....	I. <i>Md.</i>	Illinois.
Williams, G. Washington.....	III. <i>Dn.</i> , III. <i>Md.</i>	Missouri.
Williams, LeRoy.....	II. <i>Dn.</i>	Missouri.
Wilson, Harry Irwin.....	II. <i>Dn.</i>	Iowa.
Wilson, William Cassidy.....	III. <i>Dn.</i>	Kentucky.
Wilson, William Edgar.....	I. <i>Dn.</i>	Illinois.
Wilson, Rev. Samuel K.....	IV. <i>Dv.</i>	Illinois.
Winkler, George Carl.....	I. <i>Md.</i>	Illinois.
Winner, Albert August.....	III. <i>C. F.</i>	Missouri.
Winslow, Willis Dodd.....	III. <i>Dn.</i>	Missouri.
Winter, Mary L.....	I. <i>Lw.</i>	Missouri.
Wise, Harold Charles.....	II. <i>P. M.</i>	Ohio.
Wolf, Erwin C.....	II. <i>Lw.</i>	Missouri.

Wolff, Sturley C.....	IV. <i>Lw.</i>	Missouri.
Woolard, George William.....	II. <i>Dn.</i>	Illinois.
Woolrych, Edmund H.....	II. <i>Lw.</i>	Missouri.
Woolsey, Thomas G.....	I. <i>Lw.</i>	Missouri.
Wunderlich, H. C.....	III. <i>C. F.</i>	Missouri.
Wylde, Oliver A.....	I. <i>C. F.</i>	Missouri.
Wyss, Emert L.....	I. <i>Lw.</i>	Illinois.
Yoell, Rodney.....	IV. <i>Md.</i>	California.
Young, William J.....	I. <i>Dv.</i>	Illinois.
Ziccardi, Felix S.....	III. <i>Dv.</i>	Italy.
Ziegelmeier, John Simon.....	II. <i>P. M.</i>	Missouri.
Zimmerman, Bernard C.....	II. <i>Ph.</i>	Iowa.
Zozaya, Jose	I. <i>P. M.</i>	Mexico.
Zurlinden, Edgar J.....	I. <i>Dv.</i>	Ohio.

School of Telegraphy

This school was opened on September 1, 1917, under the auspices of the War Department. Its purpose is to prepare young men who are within draft age and who will afterwards be called to the National Service for the duties of radio operators and line telegraphers in the Signal Corps of the Army and in the Navy.

Any young man within draft age and physically qualified for service in the army may enter the school and receive gratis training and practice in the International Morse Code and in the theory underlying radio telegraphy. When he is able to send and receive ordinary unfamiliar commercial matter at the rate of twenty words a minute he receives a certificate of proficiency, on the presentation of which afterwards at the army cantonment he will immediately be assigned to the Signal Corps. Lectures and laboratory on the fundamentals of electricity and radio telegraphy accompany instruction in the code.

Alch, Mathilde, Missouri	Collins, Harold J., Missouri
Ayres, Pte. Harold, Missouri	Coyle, John F., Missouri
Bach, Erwin R., Missouri	Crain, L. C., Illinois
Bante, Chas. W., Missouri	Crozier, Raymond L., Missouri
Barries, Don A., Missouri	Curran, William V., Missouri
Benson, Jack C., Missouri	Cushing, John M., Missouri
Bodenschatz, B. E., Missouri	Darley, Edward D., Missouri
Boeing, Eugene, Missouri	Dodd, Raymond M., Missouri
Boggiano, Charles L., Missouri	Eberle, Arthur J., Missouri
Brennon, John L., Missouri	Ebert, Erich F., Missouri
Brown, R. A., Missouri	Eckler, Clarel Perry, Missouri
Buche, William R., Missouri	Ellis, Clinton B., Missouri
Cannon, Lester E., Missouri	Fassel, Alois, Missouri
Cartwright, Monroe E., Missouri	Fiegel, Edwin J., Missouri
Casey, Jerome L., Missouri	Fink, Otto, Jr., Missouri
Christian, Carleton W., Missouri	Finnegan, Ralph M., Missouri

- Forshey, Frederick W., Missouri
 Forster, Louis M., Missouri
 Foster, Benjamin R., Missouri
 Frazer, F., Missouri
 Frazer, Orr C., Missouri
 Fruin, Richard L., Illinois
 Fuchs, Edward L., Missouri
 Garesche, Alfred V., Missouri
 Gassmann, Lester P., Missouri
 Glass, Thos. N., Missouri
 Gattlieb, Clarence B., Missouri
 Harrison, Fernando E., Missouri
 Haupt, Ollie E., Missouri
 Hawley, R. P., Missouri
 Heberlie, Louis E., Missouri
 Heege, Homer R., Missouri
 Heidtman, Homer H., Missouri
 Herring, William H., Missouri
 Hickok, George M., Missouri
 Hines, Arthur J., Missouri
 Hoffman, Alvin J., Missouri
 Holladay, Hiram N., Missouri
 Houso, Frank J., Illinois
 Huff, Gilbert L., Missouri
 Isaacs, Charles W., Jr., Missouri
 John, Frank DeW., Missouri
 Johnson, Adolph G., Missouri
 Jones, Edgar R., Missouri
 Jordan, Walter C., Missouri
 Junge, Leonard C., Missouri
 Keller, Otto L., Missouri
 Kilger, Eugene R., Missouri
 Kincade, Dudley, Missouri
 Kirkpatrick, Everett L., Missouri
 Koch, Raymond H., Missouri
 Kraft, Lester L., Missouri
 Lang, Ira, Missouri
 La Mertha, Ensign H. E., Mo.
 Leininger, Paul E., Missouri
 Leritz, Joseph D., Missouri
 Lovington, Adolphus, Missouri
 Lowenstein, Gilbert, Missouri
 Lynch, Edward J., Missouri
 McBride, Loretto, Missouri
 McClellan, Hez, Missouri
 McNamara, John R., Missouri
 Maloney, Albert J., Missouri
 Maloney, Thos. D., Jr., Missouri
 Marshall, William A., Missouri
 Marten, Ray L., Missouri
 Martin, Kenneth M., Missouri
 Matthews, Chauncey W., Mo.
 Meinershagen, Clinton, Missouri
 Merrell, George R., Jr., Missouri
 Meyer, Herman, Missouri
 Mills, John S., Missouri
 Mitchell, Ernest L., Missouri
 Mueller, Frank J., Missouri
 Murphy, John A., Missouri
 Murray, Fred C., Missouri
 Nichols, John M., Missouri
 O'Brien, Thos. D., Missouri
 O'Neil, Henry, Jr., Missouri
 Oppenheimer, Karl D., Missouri
 Peterson, Frederick T., Missouri
 Phelan, Joseph P., Missouri
 Piel, Elmer W., Missouri
 Pontal, Pierre J., Missouri
 Poston, Earl R., Missouri
 Reed, J. W., Missouri
 Renz, Henry J., Missouri
 Repp, Walter W., Missouri
 Rhoads, Milton B., Missouri
 Riehl, Edward H., Missouri
 Rosborough, Hugh L., Illinois
 Rovitsky, David N., Missouri
 Rowley, Enos J., Missouri
 Rule, Herbert R., Illinois
 Ruweler, Edwin A., Missouri
 Schmitt, Carl J., Illinois
 Schmitt, Charles, Missouri
 Schnell, Cornelius, Missouri
 Schock, William O., Missouri
 Schotten, Marcellus J. A., Mo.
 Scott, Edward P., Missouri
 Sembeck, Theo. H., Missouri
 Shipton, Washburne D., Mo.
 Snowden, E. C., Missouri
 Soorney, Cornelius J., Missouri
 S'Renco, Ruby, Missouri
 Stevens, Charles, Missouri
 Stevens, Oliver G., Missouri
 Stewart, John F., Missouri
 Strake, George W., Missouri
 Suttle, David M., Missouri
 Thornton, John P., Missouri
 Travis, A. L., Missouri
 Untersinger, Edw. J., Missouri
 Wagner, Theo. P., Missouri
 Wallerstein, Morton L., Missouri
 Walsh, Walter T., Missouri
 Waters, Wm. Earl, Illinois
 Watkins, Henry L., Missouri
 Watson, E. L., Missouri
 Weihe, Walter C., Missouri
 Welker, Chas. R., Missouri
 Welsh, Leo B., Missouri
 Weseman, George H., Missouri
 Wimer, William, Missouri
 Windegger, Edw. L., Missouri
 Wolff, George C., Missouri
 Worman, William F., Missouri
 Wuertenbaecher, Harry, Mo.
 Wynn, Clarence E., Illinois

Summary by Countries and States

Alabama	1	Mexico	1
Albania	1	Michigan	16
Argentina	2	Minnesota	9
Arizona	1	Mississippi	1
Arkansas	6	Missouri	629
Belgium	1	Montana	3
California	19	Nebraska	9
Canada	5	New Jersey	2
Central America	2	New York	11
Colorado	8	North Dakota	3
England	1	Ohio	66
Egypt	1	Oklahoma	5
France	1	Pennsylvania	4
Georgia	2	Philippine Islands	1
Germany	1	Poland	1
Hawaii	1	South Dakota	3
Illinois	183	Sweden	1
Indiana	15	Texas	6
Iowa	43	Utah	3
Ireland	3	Washington	8
Italy	2	Wisconsin	23
Kansas	32	School of Telegraphy.....	146
Kentucky	12	Class in Elementary Nursing	103
Louisiana	5	High Schools of St. L. U...	450
Maryland	1		
Massachusetts	1	Total	1855

United States	1832	States Represented	31
Foreign Countries	23	Foreign Countries	16

Degrees Conferred

The Honorary Degree of Doctor of Letters

July 30, 1917

Rev. Simon A. Blackmore, A. B., A. M.....Cleveland, Ohio.

The Degree of Master of Arts

June 9, 1917

John Felix Bergin, A. B.....Pueblo, Colo.
 Eugene Alfred Bork, A. B.....Tiffin, Ohio.
 Thomas Stephen Bowdern, A. B.....St. Louis, Mo.
 Richard Joseph Brown, A. B.....St. Paul, Minn.
 Lionel Vanier Carron, A. B.....Detroit, Mich.
 James Anthony Creane, A. B.....New Douglas, Ill.
 Arthur Joseph Evans, A. B.....Milwaukee, Wis.
 Robert William Freise, A. B.....St. Louis, Mo.
 Thomas McCarton Knapp, A. B.....St. Louis, Mo.
 Daniel Aloysius Lord, A. B.....Chicago, Ill.
 Walter Francis Maley, A. B.....Manchester, Ia.
 Joseph Augustine Matoushek, A. B.....St. Louis, Mo.
 Leo Hilary Mullany, A. B.....Waterloo, Ia.
 Edward John O'Leary, A. B.....Springfield, Ill.
 John Francis Quinn, A. B.....Joliet, Ill.
 George Cyril Ring, A. B.....St. Louis, Mo.
 Stephen James Rueve, A. B.....St. Louis, Mo.
 John Joseph Sullivan, A. B.....Chicago, Ill.
 Joseph Aloysius Vaughan, Jr., A. B.....San Francisco, Cal.
 William Henry Wortkoetter, A. B.....Glandorf, Ohio.
 Alphonse John Zamara, A. B.....Mielzyn, Poland.

The Degree of Bachelor of Arts

June 9, 1917

Augustine Harold Bennett.....Peoria, Ill.
 Alfred George Brickel.....Cleveland, Ohio.
 Ignatius Joseph Davlin.....Spalding, Neb.

James Mansfield Downey.....	St. Louis, Mo.
Leo Paul Frank.....	St. Louis, Mo.
Sylvester Flottemesch	St. Louis, Mo.
Algernon Gabriel Furey.....	St. Louis, Mo.
John Emmet Harty.....	St. Louis, Mo.
Leo Huelsman	St. Louis, Mo.
Joseph McNamee	St. Louis, Mo.
Thomas Joseph Martin.....	North Bend, Neb.
Robert Bakewell Morrison.....	St. Louis, Mo.
Lester A. O'Keefe.....	St. Louis, Mo.
Francis Aloysius Ryan.....	St. Louis, Mo.
Michael Aloysius Schafer.....	St. Louis, Mo.
Hebert H. Stinson.....	Ferguson, Mo.
James G. Sullivan.....	Denver, Colo.
Raymond Roche Tucker.....	St. Louis, Mo.

The Degree of Bachelor of Science

June 9, 1917

Clare J. Clapsaddle.....	Burt, Ia.
James H. Cummings.....	St. Louis, Mo.
Matthew Lee Custer.....	Jefferson, Ia.
Benjamin George Haumesser.....	Shumway, Ill.
Aloysius Mahowald	Eden Valley, Minn.
George Clement Murphy	Cedar Falls, Ia.
Eugene J. O'Malley.....	Bouton, Ia.
Henry Cyril Schumacher.....	Humphrey, Neb.
Clarence Vincent Ward.....	Peoria, Ill.
Henry Frederick Westphaelinger.....	Ridgeway, Ill.

The Degree of Bachelor of Commercial Science

June 9, 1917

J. P. Barrett.....	St. Louis, Mo.
Alonzo Patrick Fox	St. Louis, Mo.
Charles Joseph Friedrichs.....	St. Louis, Mo.
Edwin Fred Herold	St. Louis, Mo.
Howard Anfoux Izard.....	St. Louis, Mo.
Harry Lederer Oppenheimer.....	St. Louis, Mo.
Richard Albert Steinmetz	St. Louis, Mo.
Oliver David Schaare.....	St. Louis, Mo.

The Degree of Doctor of Dental Surgery

June 9, 1917

Charles Elmer Beerup.....	Franklin, Ill.
Maurice Langhorne Brown.....	Malta Bend, Mo.
Ray Louis Buchanan.....	Dexter, Mo.
Roy Smith Bucy.....	Rector, Ark.
Anthony Charles Burian.....	St. Louis, Mo.
Frena Leon Casey	Marion, Ill.
Ernst Louis Casselman.....	Effingham, Ill.
Archie Warren Chamberlain.....	St. Louis, Mo.
Clifford Clinton Chesterson.....	Crawfordsville, Ind.
Leslie Thomas Conditt.....	Belgrade, Mo.
Perley Monroe Cunningham.....	Flora, Ill.
Charles Lashbrooke Eales.....	St. Louis, Mo.
Leo Epstein	St. Louis, Mo.
James Walter Ford.....	Roodhouse, Ill.
Arthur Troy Gaertner.....	St. Louis, Mo.
Druey Goodman	Louisiana, Mo.
John Matthew Gorman.....	Hartford, Kan.
James Henry Gregory Grimaud.....	Crosstown, Mo.
Albert Ray Hammen.....	Jefferson City, Mo.
Newton Ray Hatfield.....	Greentop, Mo.
Joaquin Anglada Heck.....	Port of Corunna, Spain.
Elmer Alvin Heinz	Mt. Olive, Ill.
Joseph John Heithaus.....	St. Louis, Mo.
Andrew Wayne Herington.....	Green City, Mo.
Roy Clinton Hoel	Olney, Ill.
Russell Allen Hollers.....	Kansas City, Mo.
Benjamin Huber	New York City, N. Y.
Lester Callaway Hunt.....	Atlanta, Ill.
John Henry Kelley	Wentzville, Mo.
Iwao Kiyokawa	Tokyo, Japan.
Leland Newell Kuykendall	Crossville, Ill.
Harry Ross Locke.....	Blandinville, Ill.
Myrl Merker Lumbattis.....	St. Louis, Mo.
Justin Pearly McConnell.....	Rinard, Ill.

Leo Francis Marre.....	St. Louis, Mo.
James Thomas Moffitt.....	Tampa, Kan.
Paul Joseph Murphy.....	St. Louis, Mo.
Joseph Lorenz Noecker.....	St. Louis, Mo.
Arthur Louis Nygard.....	Silvana, Wash.
Harry Edwin Olmsted.....	St. Louis, Mo.
Jesse Patterson	Rosebud, Ark.
Elmer Sylvester Peterson.....	Iola, Wis.
Henry Clark Quick.....	Rhineland, Mo.
William Henry Radentz.....	St. Louis, Mo.
Jerome Anthony Rapp.....	Collinsville, Ill.
Earl Hadley Reel.....	Harrisburg, Ill.
John Carlisle Rhodes.....	Greenville, Mo.
Floyd Clifford Roadhouse.....	Portis, Kan.
Charles Clark Robinson.....	Fairmont, Neb.
Thomas Clifford Rockwood.....	Montgomery City, Mo.
George Balsley Scott.....	St. Louis, Mo.
Joseph Solomowitz	St. Louis, Mo.
Charles William Struckmeyer.....	St. Louis, Mo.
Orlin Chester Stuart.....	Dexter, Mo.
Francis Cline Sullivan.....	St. Louis, Mo.
Kiyoshi Takeda	Tokyo, Japan.
Raymond Leonard Teich.....	St. Louis, Mo.
Francis Joseph Temme.....	St. Louis, Mo.
Charl Joseph Torrence.....	St. Louis, Mo.
Charles McCammy Watson.....	St. Louis, Mo.
Charles William Wekenman.....	East St. Louis, Ill.
Rudolph John Stephen Wild	St. Louis, Mo.
Rolla Irving Witty.....	Mt. Sterling, Ill.
Stanley Arthur Wynn.....	East St. Louis, Ill.
Jacob Harold Zercher.....	Maryville, Ill.

October 1, 1917

Harry Walter Lipschitz.....	St. Louis, Mo.
James Justin McCaffery.....	St. Louis, Mo.
Russell Victor Smith.....	Litchfield, Ill.
Harold Frederick Walker.....	East St. Louis, Ill.

The Honorary Degree of Doctor of Laws

June 9, 1917

Sterling Edwin Edmunds

The Degree of Bachelor of Laws

June 9, 1917

Joseph Barkon	St. Louis, Mo.
Bertrand Hebert Bratney.....	St. Louis, Mo.
John Joseph Butler.....	St. Louis, Mo.
Martha Lynn Connole.....	Madison, Ill.
James Joseph Cooney, A. B.	St. Louis, Mo.
Joseph Ignatius Corcoran.....	Lockport, Ill.
William Francis Coyle.....	Normandy, Mo.
Leo Demming Crause.....	East St. Louis, Ill.
Edward John Croak.....	St. Louis, Mo.
Charles Joseph Dolan, A. B.....	St. Louis, Mo.
Martin M. Drury.....	East St. Louis, Ill.
Edward Frederick Endicott.....	St. Louis, Mo.
Henry Clayton Etherton.....	St. Louis, Mo.
Thomas Joseph Fagin, Jr.....	St. Louis, Mo.
Claude Crewdson Findly.....	St. Louis, Mo.
Margaret Fleishman	
William Chassot Florencourt, A. B.....	Carroll, Ia.
Emil Herman Flug.....	Chippewa Falls, Wis.
Rowe Alexander Garesche	St. Louis, Mo.
Edwin Lee Gasaway	East St. Louis, Ill.
Walter Langford Goodwin.....	St. Louis, Mo.
John Patrick Griffin.....	St. Louis, Mo.
Alvin Daniel Hatten	Webb City, Mo.
Dean Leo Heffernan, A. B.....	St. Louis, Mo.
George Edward Heneghan.....	St. Louis, Mo.
Martin William Horan.....	St. Louis, Mo.
John Ralph Hutchison.....	Harrisburg, Ill.
Joseph S. Jablonski.....	St. Louis, Mo.

Edwin Lewis Jones	St. Louis, Mo.
Peter George Kreher.....	St. Louis, Mo.
Olgar Rineal Lane	Neosho, Mo.
Oscar Charles Lehr	St. Louis, Mo.
Karl Edgar Lubke.....	St. Louis, Mo.
Leo McCarthy, A. B.....	St. Louis, Mo.
John Henry McCormick, Jr.	St. Louis, Mo.
Samuel Wilson McEwan, M. D.	St. Louis, Mo.
Charles LeRoy McHenry.....	St. Louis, Mo.
Eugene James McMahon.....	Alton, Ill.
James Patrick Mannion.....	St. Louis, Mo.
Leo Moser, Jr., A. B.	St. Louis, Mo.
William David O'Connor.....	St. Louis, Mo.
Heirich A. Ostfeld.....	St. Louis, Mo.
Charles Peper	St. Louis, Mo.
Herman Schachter	St. Louis, Mo.
Conrad Ludwig Schopp.....	St. Louis, Mo.
Francis J. Schuttler, A. B.....	St. Louis, Mo.
Edward K. Schwartz.....	Milwaukee, Wis.
Barth Charles Slattery	St. Louis, Mo.
Andrew Trevor Smith	St. Louis, Mo.
Daniel Wilson Smith.....	St. Louis, Mo.
Joseph Tilfred Strubinger.....	Pittsfield, Ill.
Francis Patrick Sullivan.....	St. Louis, Mo.
Philip Alphonsus Sullivan.....	St. Louis, Mo.
Robert Emmett Taylor, A. M.....	St. Louis, Mo.
Harry Arthur Thomas.....	East St. Louis, Ill.
James Brierton Townsend	Festus, Mo.
Elmer Edward Walter.....	St. Louis, Mo.
Lawrence Patrick Walsh.....	St. Louis, Mo.
Florence Ethel Weigle.....	St. Louis, Mo.
Joseph William White.....	St. Louis, Mo.
Carl Henry Wiebrock.....	St. Louis, Mo.
Edward Duncan Wills.....	St. Louis, Mo.
Frank Alexander Zeis.....	St. Louis, Mo.

The Degree of Master of Laws

June 9, 1917

Joseph Adrian Broderick, LL. B.....	St. Louis, Mo.
Silas Jerome Easterday, LL. B.....	St. Louis, Mo.
Lena Frank, LL. B.....	St. Louis, Mo.
Edward John Guetebier, LL. B.....	St. Louis, Mo.
Benjamin Franklin Lerch, LL. B.....	St. Louis, Mo.
Elfried Rohman, LL. B.....	St. Louis, Mo.
Joseph Matthew Schindler, LL. B.....	St. Louis, Mo.
Francis Patrick Sullivan, LL. B.....	St. Louis, Mo.
Lawrence Everett Tedrick, LL. B.....	St. Louis, Mo.
Ernst Frederick Wetteroth, LL. B.....	St. Louis, Mo.
Henry Peter Wurm, LL. B.....	St. Louis, Mo.

The Degree of Doctor of Medicine

June 9, 1917

Carl Jacob Althaus.....	St. Louis, Mo.
Roscoe Leland Barlow.....	St. Louis, Mo.
Roy Barnwell	Walshville, Ill.
John David Boehm	Creal Springs, Ill.
Howard Conley Brashear.....	Monett, Mo.
Clare J. Clapsaddle	Hamilton, Kan.
Gustave Dahms	Burt, Ia.
Leo Lloyd Davis, A. B.....	St. Louis, Mo.
Everett Rollan Deweese, A. B.....	Colby, Kan.
James Clifford Donahue, A. B.....	Butler, Mo.
David P. Ferris	Plainview, Ill.
Joseph Leo Ferris	Fulda, Minn.
Fred Gasser	Fulda, Minn.
Everett W. Johnson, B. S.....	Pierce City, Mo.
Don Paul Jones	Coffeyville, Kan.
Felix Patrick Keaney.....	Lockney, Tex.
George Henry Koenig	St. Louis, Mo.
Henry John Kuhn, A. B.....	St. Louis, Mo.
Benjamin William Lewis.....	Milwaukee, Wis.
Paul Steinberg Lowenstein.....	St. Louis, Mo.

Bernard John McMahon, A. B.....	St. Louis, Mo.
William Maris, B. S.....	Orange City, Ia.
George Tracy Mehan.....	Cincinnati, Ohio.
Henry W. Meisch	Manchester, Mo.
George Henry Miller.....	Corvallis, Ore.
Charles Lawrence Oliphant, B. S.....	Kinsley, Kan.
Francis John Osborne, A. B.....	Cleveland, Ohio.
Harry Vincent Pecaut.....	Perryville, Mo.
George L. Riley, A. B.....	Merna, Neb.
Robert Lawrence Schaefer, A. B.....	Dearborn, Mich.
John LeRoy Shipley, A. B.....	Booneville, Ark.
Stephen A. Stadler.....	Rosedale, Kan.
George Henry Steinle.....	Burlington, Ia.
George Averde Telfer, B. S.....	Litchfield, Ill.
Joseph Lynn Thurman	Potosi, Mo.
Leon Vincent Urbanowski, B. S.....	Peru, Ill.
Hooper Winslow Welch	Worcester, Mass.
Otto Julius Wilhelmi, B. S.....	St. Louis, Mo.
Maurice Rulon Williamson, B. S.....	Alton, Ill.

June 16, 1917

Clinton Kleinschmidt	St. Louis, Mo.
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July 7, 1917

John Roy Ranson, B. S.....	Morgan, Tex.
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July 15, 1917

William S. Reilly, A. B.....	Milwaukee, Wis.
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General Statement

History

The foundation of St. Louis University dates back to 1818, three years before Missouri became a State of the Union.

On November 16th, 1818, Right Rev. Louis William DuBourg, Bishop of Louisiana, with residence in St. Louis, opened St. Louis Academy in a stone building on the northwest corner of Third and Market streets. It was under the control of Rev. Francois Niel and other secular priests attached to St. Louis Cathedral. The Academy expanded into St. Louis College in 1820, and a brick building, two stories high, was erected for the accommodation of the students on Walnut street, between Second and Third streets.

Although the college was successful and the mother of many students eminent in after life, yet the secular clergy found it difficult to attend to their professorial work in St. Louis College, owing to their numerous ecclesiastical duties.

In consequence, Bishop DuBourg had intended to hand the institution over to the Jesuits a few years after its foundation, for he realized that its existence would be precarious without some such guarantee for supplying a corps of trained professors. He had, therefore, made application to the Provincial of the Jesuits of Maryland, but his request could not be granted, as the establishment of the Society of Jesus at Georgetown and elsewhere in the Eastern States fully occupied all the members at that time. The disappointment, however, was to be only temporary.

Early in 1823, Bishop DuBourg visited Washington to consult with James Monroe, President of the United States, and John C. Calhoun, the Secretary of War, on the Indian affairs of his diocese. Secretary Calhoun suggested that he invite the

Maryland Jesuits to give him their assistance in his difficult pioneer work. DuBourg, thereupon, again entered into negotiations with the Provincial of Maryland, offering to make over to the Society of Jesus his Cathedral property in St. Louis, which comprised church and college, as well as a farm near Florissant, Mo., for an Indian Seminary, if the Jesuits would establish themselves in his diocese. The Provincial accepted that part of the proposition which referred to the Indian Seminary, but stated that priests could not then be spared for the St. Louis project.

Thus, finally in June, 1823, the Jesuits from Whitemarsh, Maryland, took up their abode at Florissant, where they opened a seminary for the instruction of the Indians. It was not until a somewhat later date that they yielded to Bishop DuBourg's urgent solicitations to take over St. Louis College.

The last session of the college under its old management was that of 1826-27. As the Jesuits desired to have a boarding school as well as a day school, it was decided to erect a new college structure at Washington avenue and Ninth street, then outside the limits of St. Louis, on property donated by the Bishop. During the interval of building, the Jesuits accommodated St. Louis pupils at Florissant late in the session of 1827-28, where also the entire session of 1828-29 was passed. Thence they were transferred to the new building in St. Louis, where classes began on November 2, 1829.

It is noteworthy that it was a Jesuit, James Marquette, S. J., who, in 1673, first viewed the site of our future city, and when Pierre Laclede founded St. Louis in 1764, it was another Jesuit, Sebastian Meurin, S. J., who first ministered to the spiritual wants of the colonists, who were all Catholics.

In its new location St. Louis College flourished, and in 1832 received its charter as a University by act of the Missouri Legislature. The president at once set about the preparatory steps for organizing the post-graduate faculties. In 1834 the Divinity Faculty was established, but in 1860 the theological students were transferred to the Jesuit college at Boston, Mass.

In 1836 the Faculty of Medicine was constituted, and when for some reason it became inoperative in 1840, a new faculty was organized in 1842. The medical school was eminently successful until 1855, when, owing to the Know-Nothing movement, its separation from the University was deemed advisable. A Law Faculty was organized in 1843 and continued sessions until 1847.

Owing to the encroachments of the business districts, the University site became unsuited to educational purposes, and in 1888 the institution was transferred to a new and more favorable situation in the western part of the city. The undergraduate department was opened on Grand avenue in 1888; the School of Philosophy and Science, Lindell Boulevard, in 1889; the School of Divinity on West Pine Boulevard in 1899.

In May, 1901, two of the best medical schools of the State, the Marion-Sims Medical College and the Beaumont Hospital Medical College, were consolidated for the purpose of strengthening the advantages which they offered. This consolidated Marion-Sims-Beaumont College of Medicine was acquired by the St. Louis University in May, 1903, as a component part of the institution.

A School of Dentistry was added in 1908 by the affiliation of the St. Louis Dental College with the University.

In the autumn of the same year the Faculty of Law was restored, and a School of Advanced Science was also inaugurated.

The School of Commerce and Finance was organized October 3, 1910.

St. Louis University is the oldest university in the Louisiana Purchase Territory and probably the oldest west of the Mississippi River.

Degrees

The degree of Bachelor of Arts (A. B.) is conferred upon those who successfully complete the Courses as outlined on page 233.

The degree of Bachelor of Science (B. S.) is conferred upon those students who have satisfactorily completed the Courses outlined on page 236.

The degree of Bachelor of Science in Medicine (B. S. in Medicine) is conferred upon those students who have satisfactorily completed the combined College and Medical Course—six years—as outlined on page 80.

The degree of Bachelor of Literature (Litt. B.) is conferred on those who devote most of their attention to modern literature and substitute modern languages for the ancient classics prescribed in the A. B. Course. For details of this course see page 237.

The degree of Bachelor of Philosophy (Ph. B.) is conferred on those who substitute modern languages for the ancient classics prescribed in the A. B. Course in addition to the number of courses required in the departments of Philosophy, English, History, Economics, etc. For further information inquire of Dean of the College of Arts.

The degrees of Master of Arts (M. A.) and Master of Science (M. S.) are conferred on those who comply with the conditions stated on pages 231-232.

The conditions for obtaining the degree of Doctor of Philosophy are outlined on page 232.

The requirements for the degrees of M. D., D. D. S., LL. B., B. C. S., etc., conferred by the University, will be found stated in the appropriate places under the different departments.

No degrees will be given to those who have not satisfied their obligations to the institution.

Scholarships

See departments of Medicine, Law, Commerce and Finance, Arts and Sciences.

Discipline

Regularity in attendance, earnest application to the work assigned, conformity to the regulations, and gentlemanly conduct are required of all the students of the institution. Any serious neglect in these essential points will render the offender liable to effective correction, and even to dismissal.

The University does not hold itself responsible for offenses committed out of its jurisdiction; yet any conduct that is detrimental to the reputation of the institution, or that hinders the advancement or moral good of other students, is sufficient cause for suspension or expulsion.

Expenses

As the institution is not endowed, it is entirely dependent for its support on fees paid for tuition.

A statement of fees for the regular course in any of the departments will be found in its appropriate place under that department.

School of Medicine

School of Medicine

Officers

REV. BERNARD J. OTTING, S. J.,
President of the University.

HANAU W. LOEB, A. M., M. D.,
Dean.

JOHN C. BURKE, S. J.,
Regent.

DON R. JOSEPH, M. S., M. D.,
Secretary of the Administrative Board.

DANIEL M. SCHOEMAKER, B. S., M. D.,
Secretary of the Council.

CARROLL SMITH, A.B., M. D.,
Secretary of the Faculty.

Introductory Statement

History

See page 67.

The School Buildings

The buildings of the Medical School are located on Compton Hill, the highest point in the city of St. Louis. The College property includes an acre and a half of ground upon the corner of Grand avenue and Caroline street, and comprises the Medical building and the Laboratory building, to which a wing 30x40 feet in size was added during the session of 1912-13.

All portions of the city are readily accessible by means of electric lines passing the School or in its immediate vicinity, thus greatly extending the territory from which patients are drawn for the clinics. The City Hospital, St. John's Hospital and St. Mary's Infirmary are within twenty minutes' ride from the Medical School. The City Sanitarium, the St. Ann's Asylum and the Alexian Brothers' Hospital are about thirty minutes' ride from the School.

The Main Building

The main College building is four stories high. The first floor is devoted to the use of the St. Louis University Dispensary. The second floor contains the large amphitheater, with operating rooms attached, and research rooms for Pathology and Bacteriology. On the third floor are two lecture halls and the research rooms of the Department of Anatomy. These research rooms are provided with such apparatus and materials as are necessary for investigation in these subjects.

The fourth floor contains the dissecting room, 55 by 55 feet, and the laboratory for the study of cross sections, both well lighted by both skylight and windows. On this same floor are the prosecting, embalming and storage rooms of the Department of Anatomy.

The Laboratory Building

The first floor contains the laboratory for Chemistry, 36 by 56 feet, which is equipped with lockers, water, gas and complete sets of reagents and apparatus for individual laboratory practice for each student.

The entire second floor is devoted to laboratory instruction in Histology, Pathology and Bacteriology. This laboratory room is 36 by 50, lighted on the east and west sides. Accommodations are provided for eighty students. The laboratory is equipped with high-grade microscopes and with other appliances for good teaching. It has in connection with it the Museum and private rooms for instructors.

The third floor contains the laboratories of Physiology. These comprise two large student laboratories. The equipment includes a full complement of instruments for experimental work. There are also four research laboratories, a shop, a storeroom and dark room for the Physiological Department.

The new wing contains toilets, janitors' quarters and a laboratory on the first floor, the office and library on the second floor, and laboratories for physiological research, animal operating room and hospital and a shop on the third floor. Good quarters for dogs, rabbits, frogs, etc., used in experimental work, are located on the roof.

Library

The library is open to students from 8 in the morning to 5 in the afternoon; the reading room is well lighted and ventilated. It contains about 4,500 bound volumes. In addition to these the special libraries maintained by the various depart-

ments will bring the total of bound volumes up to 7,600. Moreover, there are some 4,500 unbound pamphlets on special subjects. These are available for students doing special work.

In addition to the American weekly and monthly medical publications of general character, 65 standard scientific journals are received.

Clinical Facilities

The University is able to offer good facilities for practical clinical teaching in the following institutions in which appointments to the Medical Staff are made as specified:

I. BY THE HOSPITAL COMMISSIONER ON NOMINATION BY THE UNIVERSITY.

1. St. Louis City Hospital (250 of the 800 beds.)
2. St. Louis Isolation Hospital (one-half of the Service).
3. St. Louis Sanitarium (Visiting Surgeon).

II. BY THE UNIVERSITY SUBJECT TO APPROVAL OF THE *HOSPITAL AUTHORITIES:

4. Alexian Brothers' Hospital.
5. St. John's Hospital.
6. Mt. St. Rose Hospital.
7. St. Ann's Lying In Infirmary.
8. St. Ann's Foundling Asylum.
9. St. John's Clinical Dispensary.
10. Alexian Brothers' Dispensary.
11. St. Mary's Free Dispensary.

III. BY THE UNIVERSITY DIRECT:

12. St. Louis University Dispensary.
13. St. Louis Obstetric Dispensary.

IV. BY THE HOSPITAL AUTHORITIES, IN CLOSE AFFILIATION WITH THE UNIVERSITY:

14. St. Mary's Infirmary.

*No recommendation of the University has thus far been disapproved.

V. BY HOSPITAL AUTHORITIES ENTIRELY INDEPENDENT OF THE UNIVERSITY:

15. Jewish Hospital Dispensary.

Clinical Instruction

JUNIOR CLASS:

For the Junior year, clinical instruction is given as follows:

1. By clinical lectures and demonstrations in Medicine and Surgery to divisions of half the class at the City Hospital and St. John's Hospital.

2. By practical work in Medicine and Surgery in small sections at the following dispensaries:

St. Louis University Dispensary.

St. John's Clinical Dispensary.

Alexian Brothers' Dispensary.

Jewish Hospital Dispensary.

In this respect arrangements are made so that each student has a dispensary service in medicine and surgery three days a week without conflict with his other work.

SENIOR CLASS:

For the Senior year, clinical instruction is required as follows:

1. Extern service at St. John's Hospital, St. Mary's Infirmary or Alexian Brothers' Hospital every day except Saturday from 9 to 12, or for eight weeks in medicine and eight weeks in surgery.

2. Extern service at the City Hospital every day from 9 to 12, for four weeks in medicine and four weeks in surgery.

3. Instruction in Dermatology, Diseases of Children, Ear, Nose and Throat Diseases, Genito-Urinary Diseases, Nervous and Mental Diseases, Gynecology, Ophthalmology and Orthopedic Surgery, in sections of four or five at the various hospitals and dispensaries, affiliated with the institution.

4. Seven obstetric cases are required of each candidate for graduation, delivered under the supervision of an instructor in the following institutions:

St. Ann's Lying-In Infirmary.

St. Louis City Hospital.

St. Louis Obstetric Dispensary.

5. Clinical Lectures and Demonstrations for one semester, 2 hours a week.

In Diseases of Children at St. Ann's Foundling Asylum.

In Mental Diseases at St. Louis City Sanitarium.

ST. LOUIS CITY HOSPITAL AND ISOLATION HOSPITAL.

By the order of the Director of Public Welfare and the Hospital Commissioner, the University was permitted to name the Medical Staff to Unit Two of the City Hospital and at the Isolation Hospital on November 1st, 1914.

These authorities have extended the privileges so that at the present time the University commands the service to the extent of 250 definitely assigned beds, interns and seniors, in the City Hospital and one-half of the patients in the Isolation Hospital. Aside from the advantage to the patients by this method of selecting the Medical Staff, the Hospital fulfills its other great function of providing clinical instruction for students in medicine.

Outlines of Courses

Outline of the Course in Medicine

FIRST OR FRESHMAN YEAR. Anatomy, Dissection, Histology, Embryology, Neurology, Organic and Physiological Chemistry.

SECOND OR SOPHOMORE YEAR. Topographical Anatomy, Physiology, Bacteriology, Pathology, Immunity, *Materia Medica*, Pharmacology, Normal Physical Diagnosis and Surgery.

THIRD OR JUNIOR YEAR. Medicine, Pediatrics, Physical Diagnosis, Clinical Pathology, Nervous Diseases, Pharmacology, Obstetrics, Surgical Pathology, Principles of Surgery, Orthopedic Surgery, Fractures and Dislocations, Gynecology, Therapeutics, Hygiene and Ophthalmology. Also Medical and Surgical Clinics, chiefly diagnostic. Practical work in Obstetrics.

FOURTH OR SENIOR YEAR. Chiefly clinical and largely in small sections at the hospitals and dispensaries. Extern service, twelve weeks in Medicine and twelve weeks in Surgery. Practice in Obstetrics. Also didactic courses in Dermatology and Syphilis, Diseases of Children, Genito-Urinary Diseases, Gynecology, Obstetrics, Dietetics, Nervous and Mental Diseases, Ear, Nose and Throat Diseases, Ophthalmology, Regional Surgery and on special topics in Medicine, Medical Law and Ethics.

Outline of Combined Course in Science and Medicine

A six year course is offered in conjunction with the College of Arts and Science leading to the B. S. degree in four years and the M. D. degree in six years.

Sixty-four credit hours of work in an acceptable College are required as follows:

Physics, 8; Chemistry, 12; Biology, 8; German or French, 8; English, 6; Electives, 22.

The Council is given authority to evaluate credits from other institutions and to decide what electives may be taken.

The following plan is recommended for graduates of accredited high schools who enter upon the six years course :

First Year

DEPARTMENT	Hours per Week		Didactic	Laboratory
	First Semester	Second Semester		
German or French.....	4	4	128	.....
Biology	4	4	64	192
Chemistry, Inorganic.....	4	4	64	192
Trigonometry, Elementary Physics or Political Economy.....	....	2	32	.....
English	4	2	96	.....
Total.....	16	16	384	384

Second Year

DEPARTMENT	Hours per Week		Didactic	Laboratory
	First Semester	Second Semester		
German or French.....	4	4	128	.....
Physics	4	4	64	192
Psychology	4	....	64	.....
Ethics and Logic .....	....	4	64	.....
Genetics .....	....	2	32	.....
Elementary Embryology	....	2	16	48
Analytical Chemistry.....	4	....	32	96
Total	16	16	400	336

Departmental Announcements

Anatomy, Histology, Neurology and Biology

The Anatomical, Histological and Embryological Laboratories, Museum and Library

The anatomical laboratories occupy the top floor of the main building. They comprise the following: Large dissecting room 55 by 55 feet, which is well lighted by both skylights and windows; a study and recitation room, 36x36; private rooms for prosecuting and research work; an embalming room and a storage room. An abundance of material for class and research work is provided and great care is taken in its preparation.

The laboratories of histology, neurology and embryology are on the second floor of the laboratory building. The laboratories are equipped with one hundred modern Leitz microscopes, together with apparatus and sets of reagents for histological and embryological work.

On the third floor is a series of private work rooms for instructors and advanced students. These rooms connect with the research laboratory, which is equipped with apparatus for investigative work. During the past twelve years a considerable amount of anatomical material has been prepared for special work. A fairly large collection of human embryos and an embryological series of several vertebrates, provide material for investigation and class work.

The anatomical library contains all the standard textbooks and about 2,000 special monographs.

Students who are suitably qualified, and physicians who desire to do research work in the lines of anatomy, histology, neurology or embryology, will receive every encouragement which the department is able to offer.

Courses in Anatomy

1. HUMAN DISSECTION. The student makes a dissection of one-half of the body.

Laboratory, twelve hours a week, first semester, first year.

2. RECITATION IN GROSS ANATOMY, two hours a week, with course 1.

3. HUMAN DISSECTION. (Continuation of Course 1.)

Laboratory, ten hours a week, second semester, first year.

4. RECITATION IN GROSS ANATOMY, two hours a week, with Course 3.

Prerequisite for Courses 1 and 4—one year's preparation in Biology.

5. TOPOGRAPHICAL ANATOMY. Having completed the systematic dissections, the student proceeds to a study of the topography and relations of the various regions and parts of the body by means of serial sections of formalin-hardened bodies.

Laboratory, eight hours a week. Recitations one hour a week, first semester, second year.

Histology

6. This course presupposes familiarity with the use of the microscope and with microscopic methods. Various parts and organs are studied with reference to complexity in structure rather than location. The student is expected to provide himself with one hundred 4x6 library cards, and will make one drawing on each card, together with a notation of structural characteristic. Slides will be given out stained and mounted. The last two weeks are devoted to a review and the cards arranged according to the various systems and tracts. This course is primarily designed as a preparation for the study of pathology.

Lecture three hours; laboratory six hours a week, first semester, first year.

Embryology

7. The course in embryology presupposes certain fundamental knowledge of vertebrate biology and a course in general embryology of amphibian, reptile, bird and mammal is suggested as preparation. The study is confined to the relations as obtained in a 12 mm. and 16 mm. pig serial and is accompanied by gross dissection of larger pig embryos. The relations of tracts and systems are charted by the graphic method and the course is primarily one of organogenesis.

Lectures three hours; laboratory six hours a week, first half, second semester, first year.

Neurology

8. The second half semester is occupied by a brief course in the development of the nervous system and special sense organs. The student is required to make drawings of selected sections from a human brain stem serial and to dissect a human brain. The course concludes with the histology of the brain and special sense organs. The course is given as a preparation for the course in the physiology of the central nervous system.

Lecture three hours; laboratory six hours a week, second half, second semester, first year.

Biology

9. INVERTEBRATE ZOOLOGY. A study of the morphology, physiology, behavior, and life history of invertebrate animals. Special attention is given to parasitic protozoa, worms and disease bearing insects. Lectures and recitations, two hours a week; laboratory work, six hours a week, Collegiate-Medical year, first semester.

10. VERTEBRATE ZOOLOGY. A study of the comparative anatomy and physiology of vertebrate animals. Attention is also given to problems of broader biological interest. Lectures and recitations, two hours a week; laboratory work, six hours a week.

Comparative Embryology

11. A comparative study of the origin, derivation and maturation of germ cells, and the early developmental stages of representative types of invertebrates and vertebrates. This course is designed to prepare the student for Course 7. Lectures one hour per week; laboratory work three hours per week.

First semester, second Collegiate-Medical year.

Genetics

12. A study of the general problems of organic evolution and heredity, with a review of the more recent experimental work in animal and plant breeding. Lectures two hours per week.

First semester, second Collegiate-Medical year.

Preparation in Biology prerequisite for these courses.

Research Courses

13. ANATOMICAL, HISTOLOGICAL AND EMBRYOLOGICAL RESEARCH. Hours to be arranged.

14. SEMINAR. The members of the department will meet fortnightly with those in Physiology and Pathology to present and discuss the results of their special investigations, to review recent contributions to anatomical literature and to consider the best lines of advance in selected fields of anatomical research.

Chemistry

1. GENERAL CHEMISTRY. Lectures and recitations, two hours each week throughout the First Collegiate-Medical year. Chemical theory from the viewpoint of medical practice. The fundamental principles of chemistry illustrated and explained by those substances and reactions which are industrially, historically or physiologically important. The elements of toxicology and the toxicology of inorganic substances.

2. LABORATORY EXERCISES, six hours each week throughout the First Collegiate-Medical year.

A careful study of qualitative and quantitative reactions, designed to confirm and illustrate the laws of chemical action. Together with those of the following courses, these exercises are intended to lead the student to such a mastery of chemical methods as will enable him intelligently and effectively to attack, from their chemical side, the problems which medical practice will later propose.

3. ANALYTICAL CHEMISTRY. Second Collegiate year: First semester. A large amount of practical work in unknowns will be required. Volumetric and gravimetric methods of quantitative analysis.

4. ORGANIC CHEMISTRY. Lectures and recitations three hours each week, first semester, Freshman year. Outline of organic chemistry, with emphasis on the properties of the chief classes of organic substances and on the reactions which may be employed in their recognition. The toxicology of organic poisons.

5. LABORATORY EXERCISES, nine hours each week, first semester, Freshman year. A limited number of organic syntheses followed by numerous general and specific qualitative reactions for the recognition of important classes of organic compounds, as well as of individual substances. Methods of detecting the more common organic poisons and of discovering dangerous impurities in suspected therapeutic agents.

6. PHYSIOLOGICAL CHEMISTRY. Lectures and recitations, four hours each week, second semester, Freshman year. A detailed study: (1) of the chemistry of the chief constituents of foods; (2) of the varied processes of food metabolism; (3) of the intermediary and end products of these processes; (4) of the more important animal tissues, secretions and excretions.

7. LABORATORY EXERCISES, eight hours each week, second semester, Freshman year. An extended individual study of

the above processes; with preparations, tests and quantitative determinations of those substances met with, which have biological or clinical importance, especially those in blood and urine.

Dermatology and Syphilology

1. LECTURES ON DERMATOLOGY AND SYPHILOLOGY, including Vaccination, to the Senior class, one hour each week, first semester.

2. PRACTICAL CLINICAL INSTRUCTION IN DERMATOLOGY AND SYPHILOLOGY to the Senior class in sections, thirty-two hours for each student; St. Louis University Dispensary, City Hospital, Alexian Brothers' Hospital and St. Mary's Dispensary.

Diseases of Children

1. LECTURES: Didactic Lecture, one hour each week to the Junior class, throughout the year.

2. CLINICAL INSTRUCTION, Children's Clinic, St. Louis University Dispensary, one hour each week for the Junior class in sections, throughout the year.

3. PHYSICAL DIAGNOSIS OF INFANTS AND INFANTS' FEEDING, three hours each week throughout the year to the Senior class, in divisions; 48 hours to each student; at various institutions.

4. CLINICAL INSTRUCTION, in sections, at the City Hospital, Infectious Hospital, Jewish Dispensary and St. John's Dispensary and at other institutions for the Senior class, in sections, 40 hours each student.

5. DIDACTIC LECTURES, to Senior class, one hour each week. This course comprises lectures on selected topics by members of the department.

Ear, Nose and Throat Diseases

1. CLINICAL LECTURES, with recitations, one hour a week, to the Senior class. As large a portion of the subject as possible is presented in these clinical lectures. Patients are

brought before the class to illustrate points in diagnosis symptomatology, history taking and prognosis. Where the subject does not lend itself well to demonstration by this method, lectures are given and conferences or recitations are held.

From time to time topics are assigned which students are required to study in text-books and other publications which are available. After a proper time they are required to present a written thesis upon the subject. The German publications are referred to one or two students, the French to one or two, and also the English. The written papers are read before the class and a general discussion indulged in by the members.

Several periods of this course will be assigned to the following instructors, who will present designated topics to the class.

2a. ANATOMY OF THE NOSE. Senior class in sections, the large collection of preparations belonging to the department being available for this purpose. Two hours.

2b. ANATOMY OF THE PHARYNX AND LARYNX. Senior class in sections. Two hours.

2c. ANATOMY OF THE EAR. The gross anatomy of the ear. Demonstrations to the Senior class in sections. Two hours.

3. PRACTICAL CLINICAL INSTRUCTION, Senior class in sections, thirty-six hours for each student: St. Louis University Dispensary, St. John's Clinical Dispensary, Alexian Brothers' Dispensary, St. John's Hospital and City Hospital.

4. POST-GRADUATE INSTRUCTION. The following institutions are available for instruction: City Hospital, St. Louis University Dispensary, St. John's Hospital, Alexian Brothers' Hospital.

5. ORAL SURGERY. Demonstrations by operations.

Genito-Urinary Surgery

1. LECTURES, twenty hours in all, to the Senior class, first semester.

2. CLINICAL INSTRUCTION to the Senior class in sections, thirty-six hours for each student: University Dispensary, City Hospital, Alexian Brothers' Dispensary, St. John's Hospital.

Hygiene and Preventive Medicine

1. LECTURES. This course embraces the principles of sanitary science, public health and preventive medicine. Junior class, one hour a week throughout the year.

a. It begins with the study of the causes of disease; extrinsic or environmental; intrinsic or constitutional.

b. Ancient and modern conception of the cause of disease. Development of bacteriology. Infection. Immunity.

c. Environmental causes of disease. Air, Water, Temperature, Foods.

d. Municipal Sanitation. State and Federal control.

e. Occupational Disease.

f. Personal Hygiene.

g. Preventive Medicine, based upon a thorough study and understanding of the causes of infectious diseases and the methods by which they are spread.

h. Quarantine, Isolation, Disinfection.

Medical Law and Ethics

1. LECTURES. Positive Law and the Profession of Medicine, two hours a week throughout the first semester, to the Senior class.

2. LECTURES. Natural Law and the Profession of Medicine, one hour a week for eight weeks, second semester, to the Senior class.

Medicine

The course in medicine begins in the second semester of the second year with the study of Normal Physical Diagnosis. A routine examination of the body is insisted upon from the beginning, so that a definite method will be fixed in the student's mind.

During the third year symptomatology and diagnosis are given especial emphasis. The class matter consists of clinical pathology; of quiz work in small sections from a standard text-book of medicine; of division clinics to follow and emphasize the text-book teaching; of Physical Diagnosis and diagnostic methods; and of practical application in the out-patient clinics.

The fourth year is given to the study of disease in the out-patients' departments and in bedside instruction in the various hospitals. A course of lectures is also given on selected topics by the different members of the department. Clinical conferences are conducted, in which reports of interesting cases, essays on selected topics, etc., are discussed by the students themselves. Clinical pathology, analyses and all forms of laboratory diagnosis demanded of the students are conducted in a laboratory especially fitted out for the use of Senior students.

1. NORMAL PHYSICAL DIAGNOSIS, lectures, one hour a week. Laboratory, two hours a week. Sophomore class during the second semester.

2. RECITATIONS FROM TEXT-BOOK, three hours a week, Junior class, throughout the year.

3. DIAGNOSTIC CLINICS, Junior class, to follow text-book work, two hours a week throughout the year: City Hospital and St. John's Hospital.

4. PHYSICAL DIAGNOSIS, Junior class, four hours a week, half clinical and half didactic, devoted to lectures, demonstrations and practical exercises at the bedside.

5. CLINICAL PATHOLOGY, Junior class, one hour lecture and two hours laboratory a week, throughout the year.

6. LECTURES ON CLINICAL PHYSIOLOGY, for Juniors, one hour a week throughout the year.

7. OUT-PATIENT PRACTICE, in sections, Junior class, 32 . hours for each student, throughout the year, at the Dispensaries.

8. LECTURES ON SELECTED TOPICS, one hour a week, Senior class, throughout the year.

9. EXTERN SERVICE, three hours six days a week for twelve weeks for each Senior student, a total of 180 hours; Alexian Brothers' Hospital, City Hospital, St. John's Hospital and St. Mary's Infirmary.

10. CLINICAL CONFERENCES BY DIFFERENT MEMBERS OF THE DEPARTMENT, one hour a week throughout the Senior year.

11. CLINICAL PATHOLOGY, Senior class in sections, in connection with Extern Service at the various hospitals.

Nervous and Mental Diseases

1. NEUROLOGY. Recitations from text book. Junior class in two divisions, one hour a week.

2. TECHNIC OF NEUROLOGICAL EXAMINATIONS. Junior class in sections, 12 hours, at the City Hospital.

3. NEUROLOGY. Senior class in two divisions, one hour a week.

4. NORMAL PSYCHOLOGY AND PSYCHIATRIC METHODS. Junior class one hour a week, first semester.

5. PSYCHIATRY. Recitations from text book. Junior class in two divisions, one hour a week, second semester.

6. PSYCHIATRY. Clinical Course at the City Sanitarium, Senior class, 32 hours.

7. NEUROLOGY. Clinical instruction in Dispensaries and ward work in St. Louis City and Alexian Brothers' Hospitals. Senior class, 30 hours.

Obstetrics and Gynecology

Obstetrics

1. LECTURES: NORMAL LABOR, two hours a week to the Junior class, during the first semester.

2. RECITATIONS: COMPLICATIONS OF LABOR, one hour a week, Junior class, during second semester. A standard text-book is used as the basis for this course.

3. LECTURES: OPERATIVE OBSTETRICS, one hour a week, to Junior class, second semester.

4. CLINICAL DEMONSTRATIONS in sections, Junior class, second semester, six hours for each student.

5. LECTURES, DYSTOCIA AND PATHOLOGY OF THE PUERPERIUM, one hour a week throughout the year to Senior class.

6. RECITATIONS AND QUIZZES, one hour a week, second semester, to Senior class.

7. DEMONSTRATIONS AND PRACTICE ON MANIKIN. Begins with four lectures to entire Senior Class (4 hours), followed by sectional instruction on the manikin, three hours for each student, second semester.

8. PRACTICAL INSTRUCTION. Each student must personally attend at least seven cases, about 100 hours. Record of the cases before and after confinement must be filed at the office. This work is given in the Senior year.

Gynecology

9. LECTURES AND DEMONSTRATIONS. The etiology, pathology and symptomatology of gynecological diseases, two hours a week to the Junior class, second semester.

10. GYNECOLOGICAL EXAMINATIONS (with Course 4.)

11. DIDACTIC AND CLINICAL LECTURES WITH DEMONSTRATIONS, on selected topics one hour a week, to the Senior class. By members of the department.

12. QUIZZES AND CONFERENCES, one hour a week during one semester, to the Senior class.

13. PRACTICAL INSTRUCTION IN DISPENSARY AND WARDS, twenty-five hours for each student.

Ophthalmology

1. LECTURES to Junior class, two hours a week, second semester.

2. CLINICAL AND DIDACTIC LECTURES to Senior class one hour a week throughout the year.

3. CLINICAL INSTRUCTION to Senior class in sections, 18 hours for each student: St. Louis University Dispensary, Alexian Brothers' Dispensary, St. Mary's Dispensary, St. John's Dispensary.

Pathology and Bacteriology

Equipment

The laboratories for this department consist of a large well-lighted room with ample capacity for eighty students, a research laboratory, preparation rooms and private rooms for the teachers of the department.

The laboratories are equipped with one hundred modern Leitz microscopes (which are used in common with histology), oil immersion lenses, balopticons, and all necessary material for teaching and research in Pathology and Bacteriology according to advanced standards.

General and Special Pathology

The course in Pathology consists of laboratory work, demonstrations, post-mortem examinations, lectures and recitations, the aim of the course to have practical work predominate.

Lectures or recitations are given three times a week. It is the object of the lecturer to cover in the course of a year all of the essential points in general and special pathology. The topics of the lectures precede the laboratory work, so that the student has fresh in mind a general survey of a given subject immediately before he begins its more specific study with tissue and microscope.

Six hours a week throughout the year are devoted to laboratory work. Each student mounts and keeps his own specimens. In addition a large number of specially selected demonstration specimens are shown. Every specimen must be drawn and objectively described and deductions made from the observations. Every drawing and description is submitted to an instructor and must be satisfactory before it is passed by him.

In addition to the microscopic work, demonstrations are given of gross lesions, both by means of fresh material and museum preparations, so that a knowledge of the gross appearance goes along with the study of microscopic changes.

Autopsies

The Snodgrass Laboratory of Pathology and Bacteriology, in connection with the City Hospital, offers, through the courtesy of the Hospital Commissioner and its director, opportunity for autopsy material to the medical schools of St. Louis. Sections of the class are sent to the Snodgrass Laboratory for autopsy work. The private hospitals furnish a considerable number of autopsies to the Department. An opportunity to see specially selected medico-legal autopsies has been made possible through the courtesy of the Coroner of St. Louis.

Surgical Pathology

The teaching in this course is included in the course given in the Sophomore year in general pathology. The object of the course is to equip the student with a comprehensive knowledge of the gross and microscopical appearance of benign and malignant new growths, the changes caused by these, and the ultimate results. The etiology, development, method of growth, spread and recurrence of tumors is studied.

Gynecological and Obstetrical Pathology

This course was established with the purpose of correlating the pathological findings of the female pelvic organs with the symptomatology as described in the lectures on Gynecology and Obstetrics. It is therefore supplementary to these lectures and gives the student a comprehensive picture of the physiological and pathological changes, both gross and microscopic, which take place in these tissues.

As many gross specimens as are available are shown illustrating the topics under discussion, and slides of all the important pathological processes are furnished the students as a part of their permanent collections whenever possible.

Experimental Pathology

Students who show special interest in the work will be given an opportunity to participate in the experimental work that is conducted in the department. Special demonstrations along this line are given to the class from time to time in connection with diseases of the circulatory and respiratory systems, ductless glands and immunity.

Research Courses

Every encouragement will be given to those who wish to undertake research work. A limited number who desire can receive instruction in methods of fixing, mounting and cutting sections, and in the various differential stains, and all essential features of pathological technic.

Bacteriology

In the course in Bacteriology the especial effort is made to correlate the study of the pathogenic micro-organisms with the pathological manifestations. For this purpose the gross and microscopic pathology of the diseases produced by the micro-organisms is correlated with the study of the individual organisms.

The lectures cover the biological position of the various pathogenic micro-organisms, the general morphology, and classification of the organisms, their biology and occurrence, the principles of disinfection and sterilization, methods of examining and identifying bacteria, and finally the study of the individual pathogenic micro-organisms. The laboratory course dwells chiefly upon the methods of cultivation and identification of the various pathogenic bacteria, special staining methods, or cultural methods. The student is given the opportunity to familiarize himself with methods of sterilization and preparation of media, but relatively little time is spent upon this work. He is taught the principles of bacteriological examination of water, air and soil, and the practical value of such examinations. The bacteriological examination of sputum or smears is dwelt upon.

Parasitology

In the continuation of the course in Bacteriology the higher unicellular organisms causing disease in humans are studied; demonstrations of the spirochetes, trypanosomes, hemocytozoa and other protozoa are given and when possible the living organisms are studied by the students, in order to enable them to familiarize themselves with the structure and life cycle of these organisms.

Serology and Immunity

The lectures deal with the principles of immunity, the various types of immunity, the immune bodies and their method of their production, their relation to the reaction of the human body to infection, and the use of specific serum therapy in disease. The various clinical uses of the serum reactions, Wassermann reaction, Widal reaction and preparation of vaccines, are demonstrated and the student is given the opportunity to learn by practical exercise the method of the more common clinical serological methods. In other cases demonstrations are given to illustrate the various reactions of immunity, and to make more clear the mechanism of immunity. In all such demonstrations the students are given as much opportunity as possible to assist in the experiment.

Courses in Pathology

1. LECTURES OR RECITATIONS, three hours a week throughout the year, to the Sophomore class, covering general and special pathology.

2. LABORATORY WORK, six hours a week, Sophomore class, throughout the year.

3. AUTOPSIES, three hours a week to sections of the Sophomore class, the equivalent of one hour a week for each student included in Course 2. Snodgrass Laboratory, City Morgue.

4. NEUROPATHOLOGY, four lectures and laboratory periods, as part of Courses 1 and 2.

5. SURGICAL PATHOLOGY. Nine hours a week for four weeks as part of Courses 1 and 2.

6. GYNECOLOGICAL PATHOLOGY. Two hours a week for the second semester, Junior class.

Courses in Bacteriology and Parasitology

7. LECTURES AND QUIZZES IN BACTERIOLOGY, two hours a week during the first semester, Sophomore class.

8. LABORATORY WORK IN BACTERIOLOGY. Six hours a week during the first semester of the Sophomore year.

9. LECTURES IN IMMUNITY, one hour a week during the second semester, Sophomore class.

10. LABORATORY WORK IN IMMUNITY, four hours a week during the second semester.

Research Courses

11. RESEARCH IN PATHOLOGY AND BACTERIOLOGY.

12. SEMINAR. The members of the department will meet fortnightly with those in Anatomy and Physiology to present and discuss the results of their special investigations, to review recent contributions to pathological literature and to consider the best lines of advance in selected fields of research.

Physical Culture

Classes in Physical Culture are held in the gymnasium at 1203 South Grand avenue, one block north of the Medical College. Attendance at these classes and at exercises is obligatory on all medical students; credits, as in other branches of the University Courses, will be assigned on the basis of attendance and proficiency.

Physics

1. COLLEGE PHYSICS, lectures and demonstrations, two hours a week; laboratory, six hours a week, course open to Collegiate-Medical students.

This course is given in the Physics Laboratory of the College.

Physiology and Pharmacology

Laboratories and Library

The laboratories for Physiology and Pharmacology occupy the top floor of the new building. They are fitted out with all apparatus needed for modern courses for medical students. Several small laboratories for research have also been equipped. In the new wing recently completed are an animal operating room, an animal hospital, a shop and two research laboratories. An animal house and runway occupy the roof of the wing. Trained investigators are in charge of both the teaching and research laboratories. A departmental library is maintained for the use of teachers and students.

Instruction

The instruction in Physiology is given throughout the Sophomore year. The student before beginning his work in Physiology has completed his dissection, histology, neurology, embryology, organic and physiological chemistry. The foundation for his understanding of the new work should therefore have been well laid.

The course consists of systematic lectures upon animal physiology supplemented by work in the laboratory, demonstration of experiments that cannot be carried out conveniently by the student, frequent oral or written quizzes and recitations, and the review by each student of at least one article from original literature each semester.

In the laboratory the student becomes acquainted with the use of simpler forms of physiological apparatus. He is given an opportunity to work out for himself, so far as time will permit, the fundamental experiments of physiology; to develop the power of accurate observation and description; the ability to arrange results in a logical order and to draw only warranted conclusions.

Courses in Physiology

1. PHYSIOLOGY OF MUSCLE, BLOOD, CIRCULATION, RESPIRATION AND ANIMAL HEAT. First semester, Sophomore year.

Lectures, demonstrations, recitations and quizzes, four hours a week.

Laboratory work, four hours a week.

2. **PHYSIOLOGY OF THE NERVOUS SYSTEM, SENSES, DIGESTION, ABSORPTION, METABOLISM AND EXCRETION.** Second semester, Sophomore year.

Lectures, demonstrations, recitations and quizzes, five hours a week.

Laboratory work, four hours a week.

3. **LIBRARY WORK.** Each student in Courses 1 and 2 is assigned a subject, with references to the original literature, which he must consult and critically review. Many of these reviews are presented before the class.

Courses in Pharmacology and Materia Medica

4. **MATERIA MEDICA.** The sources, preparation and dosage of drugs. Exercises in prescription writing. Selected demonstrations. Three hours a week, second semester, Sophomore year.

5. **PHARMACODYNAMICS.** Demonstrations of the actions of drugs on animals. This course serves as an experimental basis for the purely didactic work of the following semesters and is counted as half laboratory and half didactic work. Five hours a week, second semester, Somophore year.

6. **PHARMACOLOGY.** Lectures and recitations, four hours a week, second semester, Junior year.

Research Courses

7. **RESEARCH IN PHYSIOLOGY OR PHARMACOLOGY.**

8. **SEMINAR.** The members of the department meet fortnightly with those in Anatomy and Pathology to present and discuss the results of their investigations, and to review recent contributions to physiological literature.

Surgery

SURGICAL PATHOLOGY (See Course 5, Department of Pathology.)

1. MINOR SURGERY, two hours a week, Sophomore class, second semester.

2. PRINCIPLES OF SURGERY. Recitations and Lectures, two hours a week throughout the year to the Junior class.

3. OUT-PATIENT DISPENSARY WORK, thirty-two hours for each student of the Junior year, throughout the year. Section work at the Alexian Brothers' Hospital, University Dispensary, St. John's Dispensary, St. Mary's Dispensary and Jewish Hospital Dispensary.

4. FRACTURES AND DISLOCATIONS. Lectures to the Junior class, second semester, two hours a week.

5. ORTHOPEDIC SURGERY. Lectures to the Junior class, one hour a week, second semester.

6. DIAGNOSIS CLINICS. Junior class, in divisions, at St. John's Hospital and City Hospital, three hours a week for each student throughout the year.

7. OPERATIVE SURGERY AND SURGICAL ANATOMY ON THE CADAVER AND ANIMALS. Senior class, in sections, thirty hours for each student.

8. REGIONAL SURGERY, recitation course, two hours a week, first semester, Senior year.

9. EXTERN SERVICE. Three hours daily for twelve weeks for each Senior student, 180 hours: City Hospital, St. Mary's Infirmary, Alexian Brothers' Hospital, St. John's Hospital.

10. ANESTHESIA. Lectures and Demonstrations, Senior year. (Hours and instructor to be appointed.)

11. PRACTICAL CLINICAL INSTRUCTION IN ORTHOPEDICS. Senior class in sections, fifteen hours for each student: University Dispensary, City Hospital and St. John's Clinical Dispensary. Operations in other hospitals, on call, about six hours for each student.

Therapeutics

1. LECTURES, two hours a week to the Junior class throughout the year.

2. DIETO-THERAPY, two hours a week, first semester to the senior class.

Requirements for Admission

Admission to the Four Years Course

In addition to the required full four years course of 15 units in an accredited high school, the following required college credits covering two years of college work must be presented:

*SEMESTER HOURS

BRANCHES	LECTURES and RECITATIONS	LABORATORY	TOTAL
English.....	6 hours	.....	6 hours
Modern Language...	8 hours	.....	8 hours
Biology.....	4 hours	4 hours	8 hours
Physics.....	4 hours	4 hours	8 hours
Chemistry.....	6 hours	6 hours	12 hours
Electives	22 hours	.....	22 hours
	50 hours	14 hours	64 hours

Time of Admission

For the most part students will find it advantageous to enter at the beginning of the First Semester in October, 1918; but qualified students may begin their work with the Second Semester, February 3, 1919, or with the Summer Term, about June 1. All new students and those who have conditions are advised to be present on September 26, the first day of registration. No student is admitted more than one week after the beginning of a semester except by special vote of the Council.

Requirements for Graduation

1. Four annual courses of not less than thirty-two weeks each, no two being in the same year, are required of every candidate for graduation.

2. The last year's course shall have been taken in this institution.

3. Acceptable evidence of good moral character must have been filed.

4. The candidate shall be at least twenty-one years old.

5. He shall have satisfactory credits and pass his final

*Each semester hour signifies one hour of lecture or recitation or three hours of laboratory work.

examinations in accordance with the rules laid down by the Faculty.

6. All indebtedness to the school shall have been paid.

Time of Graduation

Regular graduation exercises are held at the end of each semester. Occasionally students are graduated at the end of the Summer School.

Fees for the Regular Courses

Matriculation Fee (paid but once).....	\$ 5.00
Tuition Fee* (Freshman, Sophomore, Junior and Senior classes), each year.....	160.00
Tuition Fee* for Premedic classes, each year.....	135.00
Deposit (returnable in part) for all classes.....	10.00
Diploma Fee	10.00

No charge is made for dissecting material nor for laboratory practice, but each student is required to deposit \$10.00 to cover mimeographing, laboratory supplies, breakage and damage done to any college property. This amount, less the actual cost of the above items, will be returned to each student at the end of the session.

When possible, loss or damage is charged to the student who is responsible; but in some cases it may be divided among a class or group of students, if the Dean considers such procedure just. The purpose is to make every student a guardian of the college property.

Deposit fees are payable in advance at the beginning of the school year.

Tuition fees are payable one-half at the beginning of each semester, October 1 and February 3. No fees are returnable except the deposit above mentioned.

Internships

Every medical student should look forward to a service of one or two years in a good hospital before going into private practice. Within a few years, probably such a service will be

*Tuition fee includes the gymnasium fee.

one of the prerequisites to medical licensure in most of the States of this country. It is already required in some States. An incentive to its graduates the Medical School offers a certificate of intern service to all who serve one continuous year in an approved hospital.

Hospital Examinations and Appointments

Annual competitive examinations for positions on the house staffs of the St. Louis City eleemosynary institutions, the St. Louis City Hospital, Sanitarium, etc., are held under direction of the St. Louis City Hospital Staff. These examinations are open to graduates of all the medical schools of the country, and the successful competitors are appointed for a period of one year, which may be extended to two or three, dependent on satisfactory service and efficiency on the part of the incumbent.

The Kansas City General Hospital and other hospitals offer their examinations for internships in St. Louis so that students may take them without inconvenience.

Many hospitals appoint their interns without examination, on recommendation by the authorities of this Medical School.

Summer Courses in Medicine

Summer Courses in Medicine were inaugurated at the close of the regular session of 1907-1908. They are designed for three classes of students:

First, graduates in Medicine who may wish to review fundamental subjects or to take further clinical instruction; second, under-graduates in Medicine who wish to secure advanced standing or to remove deficiencies; third, teachers and others who do not care for credit in medicine or who contemplate entering on the medical course later.

These course are planned so as to secure the widest possible range of study, care being taken to utilize the facilities of the University and of the city to the greatest advantage.

The Summer courses in medicine will begin Monday, June 3, 1918.

School of Oral and Plastic Surgery

Established by Order of the Surgeon General of the Army.

This school instituted by the Surgeon General of the Army was begun on October 15, 1917, and has continued in operation since that time. It has for its purpose the training of officers of the United States Army in Oral and Plastic Surgery. In December, a course in Neurology and Neurologic Surgery was added. The school is conducted by the St. Louis University School of Medicine, and the Washington University Medical School, and the St. Louis University Dental School and the Washington University Dental School. The following instructors in the St. Louis University are giving courses:

William T. Coughlin, B. S., M. D.
William W. Graves, M. D.
Don R. Joseph, M. S., M. D.
Hanau W. Loeb, A. M., M. D.
Virgil Loeb, A. B., M. D., D. D. S.
Augustus G. Pohlman, M. D.
Daniel M. Schoemaker, B. S., M. D.
Carroll Smith, A. B., M. D.
Ralph L. Thompson, A. M., M. D.
George B. Winter, D. D. S.

Red Cross Course in Elementary Nursing and Home Care of the Sick.

Under the authority and direction of the American Red Cross, a number of classes in Elementary Nursing and Home Care of the Sick have been conducted. The course comprises the following:

Lesson I. Bacteria and Their Relation to Health and Disease.

Lesson II. Causes and Transmission of Disease.

Lesson III. Food, Water, Ice.

Lesson IV. Air, Ventilation, Heating, Lighting, Soil, Sewage, Garbage.

Lesson V. The House.

Lesson VI. Care of the House—The Laundry.

Lesson VII. Personal Hygiene—Public Agencies Concerning Health and Welfare.

Lesson VIII. Hygiene of Infancy and Childhood.

Lesson IX. Beds, Mattresses, Pillows, Bedding.

Lesson X. Bed-making.

Lesson XI. General Consideration of the Care of the Sick in Their Homes.

Lesson XII. General Care of Patient.

Lesson XIII. The Use of Simple Sick-room Appliances, Local Applications and Enemata.

Lesson XIV. Symptoms of Disease.

Lesson XV. Household Medicine Closet (dangers in the indiscriminate use of patent medicines, stimulants, etc.)

These lessons are supplemented by practical work, according to the requirements.

Class in Elementary Nursing and Home Care of the Sick

Adeline Ackerman, Missouri
Rebecca Alsberg, Missouri
Hannah Auer, Missouri
Nellie Bach, Missouri
Nancy Bakewell, Missouri
Gussie Barth, Missouri
Orley Bauman, Missouri
Babette Baer, Missouri
Jennie Baer, Missouri
Adele Baer, Missouri
Lucile Benoist, Missouri
Julia Boland, Missouri
Mary Boland, Missouri
May Bowdern, Missouri
Bertha M. Bruening, Missouri
Marie Cahill, Missouri
Edith Cates, Missouri
Julia Chipperfield, Missouri
Nancy Clark, Missouri
Elsie C. Clarke, Missouri
Mary Clemens, Missouri
Freda Cohn, Missouri
Ilma Cohn, Missouri
Mary M. Connell, Missouri
E. Vincentia Coppinger, Mo.
Lucile Cornet, Missouri
Marie Dodge, Missouri
Stelle G. Donovan, Missouri
Margaret Drey, Missouri
Fanny Edmonds, Missouri
Margaret Falkenberg, Missouri
Laura Fink, Missouri
Adele Fleisher, Missouri
Louise Francis, Missouri
Elizabeth French, Missouri
Elinor Freund, Missouri
Maud Frolichstein, Missouri
Helen Gamble, Missouri
Mary Gamble, Missouri
Laura Gore, Missouri
Marjorie Griffin, Missouri
Clara Hagney, Missouri
Hilda Hannibal, Missouri
Francis Healy, Missouri
Rose Horwitz, Missouri
Amy R. Hourigan, Missouri
Ollie Keiser, Missouri
Erna Koester, Missouri
Theresa Kulage, Missouri
Aurelia Rich Landan, Missouri
Janie C. Larkin, Missouri
Adele Levis, Missouri

Claudie Levis, Missouri
Dorothy Levy, Missouri
Elizabeth Lewis, Missouri
Augusta Littmann, Missouri
Clementine Loeb, Missouri
Grace Loeb, Missouri
Helene Lowenstein, Missouri
Nellie McCabe, Missouri
Agnes McCormack, Missouri
Shirley McDavitt, Missouri
Florence McKay, Missouri
Miriam McMahan, Missouri
Mary McNamara, Missouri
Alice Malov, Missouri
Edna Meissner, Missouri
Clara Mittelberg, Missouri
Marie Mullally, Missouri
Helen Myer, Missouri
Estelle O'Brien, Missouri
Cora Pittman, Missouri
Lucile Renard, Missouri
Charlotte Reyburn, Missouri
Juliette Reyburn, Missouri
Dorothy Ring, Missouri
Blanche Rosenberg, Missouri
Blanche Sale, Missouri
Elsie Sale, Missouri
Cora Schoen, Missouri
Kate Scott, Missouri
Florence Senn, Missouri
Elizabeth Shallcross, Missouri
Bertha M. Shaw, Missouri
Lillian Sibley, Missouri
Pauline Siff, Missouri
Rosetta Sigfried, Missouri
Edna Singer, Missouri
Josephine Singer, Missouri
M. Constance Smith, Missouri
Ella Solomon, Missouri
Grace Taylor, Missouri
C. Terrell, Missouri
Lucile Tiefenbrum, Missouri
Edith Tilles, Missouri
Bertha M. Trares, Missouri
Evelyn Treuman, Missouri
Nell Trotter, Missouri
Gretchen Tuholske, Missouri
Sybilline Tulley, Missouri
Hannah Wertheimer, Missouri
Corinne Wolf, Missouri
Bessie Wolfner, Missouri

Commissioned Officers

The following members of the Faculty of the St. Louis University School of Medicine are commissioned officers in the service of the United States :

Major Hanau W. Loeb, A. M., M. D.
Major Fred W. Bailey, B. S., M. D.
Lieut. Walter W. Boyne, M. D.
Major John Young Brown, M. D.
Major Cyrus E. Burford, A. B., M. D.
Lieut. Ernest L. Coffin, M. D.
Capt. William Edler, M. D.
Capt. William P. Glennon, M. D.
Capt. Frederick Hagler, M. D.
Lieut. Edward E. Heiple, M. D.
Lieut. Andrew C. Henske, A. B., M. D.
Capt. Don R. Joseph, M. S., M. D.
Lieut. David R. Lamb, M. D.
Major William E. Leighton, A. B., M. D.
Capt. Virgil Loeb, A. B., M. D., D. D. S.
Lieut. Anthony McClory, M. D.
Capt. James McFadden, M. D.
Lieut. Claude D. Pickrell, A. B., M. D.
Lieut. Madison A. Pulliam, M. D.
Lieut. Joseph J. Reilly, A. B., M. D.
Lieut. Edgar F. Schmitz, M. D.
Major M. G. Seelig, A. B., M. D.
Capt. James W. Shankland, D. M. D., M. D.
Capt. Norvelle W. Sharpe, M. D.
Capt. Frank J. Tainter, M. D.
Lieut. John L. Tierney, A. M., M. D.
Lieut. Alois E. Turek, M. D.
Capt. Hillel Unterberg, M. D.

School of Dentistry

School of Dentistry

Officers

REV. BERNARD J. OTTING, S. J.,
President.

JAMES P. HARPER, D. D. S.,
Dean.

JOHN C. BURKE, S. J.,
Regent.

Administrative Board.

JAMES P. HARPER, D. D. S.
JOHN C. BURKE, S. J.
HANAU W. LOEB, A. M., M. D.
DON R. JOSEPH, M. S., M. D.

Introductory Statement

History

See page 67.

Location

The College Buildings are located on Compton Hill, Grand avenue and Caroline street, the highest point in St. Louis. From the College all portions of the city are readily reached by means of electric car lines passing the College or its immediate vicinity.

The situation of the College is favorable for securing desirable clinical patronage. This is an advantage of importance to a dental college. The Infirmary is daily visited by patients from all parts of the city and its environs.

College Buildings

The College buildings have been carefully arranged to meet all the demands of structures devoted to similar educational purposes. It has been necessary to enlarge upon the original building in order to keep abreast of the increasing requirements of the large classes matriculated in the last few years. New equipment for teaching, such as models, microscopes, lantern slides, etc., has been added.

An addition of a three-story building to the west of the St. Louis Dental College was made in the summer of 1914, and this additional facility now gives ample accommodation to our students.

On the first floor of the addition is a new laboratory for the Seniors, connecting by separate stair-case with the Clinic on the second floor, together with the office of the Dean and a convenient corridor entrance leading to the Clinic above. On the second floor, a room the full dimensions of the building, 50 by 55 feet, is devoted to the new Clinic. It is lighted on three sides by large windows and is connected by a short covered passage with the former college Clinic. This additional space now accommodates 40 dental chairs, which together with those of the connected clinic permit at one and the same time the treatment of 75 patients. To the west are large and comfortably equipped waiting rooms, one for women and children, the other for men. The third floor furnishes a chemical laboratory, a microscopical laboratory, a laboratory for Prosthetic dentistry and an additional lecture room.

Two rooms on this floor are set apart for the extraction of teeth and the taking of impressions and are provided with the latest equipment for this class of work.

The lecture rooms, and chemical, histological, pathological and bacteriological laboratories are advantageously located in the main building.

Outline of Course

The course of instruction, which covers four years, comprises didactic lectures, clinical lectures, laboratory work, practical clinical work in operative and prosthetic dentistry; stereopticon displays from drawings, photographs and microscopical slides; written reviews, recitations, written and oral examinations and quizzes.

Dental Anatomy

The course in Dental Anatomy includes a careful study of the surfaces, ridges, fossae, grooves, etc., of the individual teeth of both the deciduous and permanent sets; their origin, formation, calcification, eruption and peculiarities in formation and growth.

Lectures 3 hours a week.

General Anatomy

The courses in General Anatomy are designed to give the student a working knowledge of the subject, with special reference to the anatomy of the parts in which the student, and later the practitioner, are most vitally interested.

Lectures 2 hours a week; Laboratory, 6 hours a week.

Review Course, one hour a week.

Histology

The course in microscopic anatomy covers the structure of the various body tissues, special emphasis being laid upon the structure of the teeth and of the surrounding tissues. In this course are also considered the elements of embryology, with particular reference to the development of the teeth.

Each student is provided with a compound microscope and a series of mounted sections of the tissues as they are studied.

Four hours a week.

Osteology

Two hours a week, second semester.

Ceramics

A course of lectures and demonstrations on Dental Ceramics covers the theory and technic of porcelain art as applied to the practise of dentistry. Special attention is given to the preparation of cavities, and the baking of porcelain restorations in the technic course.

Inorganic Chemistry

The course consists in a study of the elements, their compounds, characteristics and properties.

Lectures and Demonstrations, 5 hours a week.

Lectures and Laboratory, 2 hours a week.

Review Course, 1 hour a week.

Clinics

The clinic is the heart of the dental school, and in proportion to the amount of judgment the student has and the skill he develops in the clinic under the direct supervision of experienced instructors will be the degree of his success when, after graduation, he starts upon the work of his profession.

The St. Louis University School of Dentistry as above stated, is particularly fortunate in this respect, having abundant clinical material at its disposal. During the year May 31, 1916—June 1, 1917, 16,120 patients presented themselves at the Dental clinic for treatment. In addition the Dental School maintains six out-clinics in eleemosynary institutions, which are equipped with complete dental outfits, where students from the Dental School on certain days do the needed dental work.

A monthly test examination in practical dentistry is given to the Senior class to determine the progress made by them in practical infirmary work.

Dental Economics

Dental Economics, while a new subject in the dental curriculum, has proven of interest and value to the student. The

lectures treat of the economic side of the profession and the advantages of applying method and system to the details of practice. The ethical element in these questions is also insisted upon.

Exodontia and Anesthesia

In this course the technic of extraction is systematically presented by illustrations and lectures so that the entire plan of operative procedure for any case may be readily comprehended.

Throughout the course, the Roentgenological Department is brought into use for diagnostic and demonstration purposes.

The course of Anesthesia is in the hands of an expert anesthetist who treats the subject of both local and general anesthesia, giving, in addition, practical demonstrations.

Lectures and Demonstrations, 1 hour a week.

Oral Surgery and Hygiene

Since Dentistry is a branch of Surgery, students must be taught the practical application of surgical principles to the major lesions of the mouth. This is the subject-matter of this course. Students are instructed in, and made to carry out, the detail necessary for surgical treatment.

Special attention is given to pyorrhea alveolaris and its treatment; students are given the opportunity of studying and practicing the latest methods for the relief of this condition.

The course in Hygiene gives careful consideration to the subject of the mouth, its care, etc., prophylaxis, the predisposing factors of disease, the principles on which immunity depends, the relation of ventilation, water supply, food, etc., to the public health, climatology, heredity and vital statistics.

Three hours a week.

Jurisprudence

The legal responsibility of dental practitioners and also the relations of the public to the dentist are clearly explained by the lecturer in this course.

Eight hours.

Metallurgy

Instruction in this subject includes the nature and physical properties of metals, especially those used in dentistry; the manipulation of metals, annealing and tempering, the manufacture of alloys, dental amalgams and solders.

Two hours a week.

Roentgenology

Roentgenology has become so valuable an adjunct to the practice of dentistry that no course can be considered adequate that does not provide the student with the necessary instruction to familiarize him with the interpretation of dental Roentgenograms and with the nature of Xrays and the technique required for their use.

Recognizing this necessity, the University has installed a Roentgenological laboratory, with a complete equipment where the clinic work can be radiographed, giving valuable training to the students and insuring the best results to the patients.

Lectures and demonstrations 2 hours a week.

Materia Medica and Therapeutics

In this course special stress is laid upon the physiological actions and rational uses of drugs peculiar to dental practice. Such subjects as weights and measures, the preparation of percentage solutions, prescription writing, methods of administration, and the more important poisons and their antidotes are also considered.

Two hours a week.

Review Course, 1 hour a week.

Operative Dentistry

To restore teeth which have become diseased to normal or functional condition, is the ideal of operative dentistry.

The course in Operative Dentistry includes operative technic and clinical practice throughout the entire course.

Six hours a week, first year.

Seven hours a week, second year.

Orthodontia

The various deformities found in the human mouth are reproduced in this laboratory course, appliances for moving the teeth are adjusted and the teeth moved into alignment; finally, retaining appliances are made and adjusted on the teeth. These models are the student's property and used by him for study and reference when treating the numerous practical cases which are constantly occurring in the clinic.

Three hours a week, third year.

One hour a week, fourth year.

Pathology and Bacteriology

In addition to the fundamentals of Bacteriology, methods of cultivation and identification of bacteria, sterilizations, etc., the more important organisms and the diseases which they cause are studied systematically. The bacteria of the mouth and throat receive special attention.

Four hours a week.

Special dental diseases are taken up in the course in Dental Pathology.

Four hours a week.

Lectures in Dental Pathology embrace a consideration of all the diseases of the oral cavity, bearing on dentistry. Special attention is given to all diseases of the dental pulp and pericemental membrane, from simple inflammation to alveolar abscess.

One hour a week, first year.

One hour a week, second year.

Operative Technic

This course is designed to give the student a thorough training in the preparation of cavities in bone teeth, manipulation of the various filling materials and familiarity with the names and uses of the various instruments used in operating. Entire first year and first half of Sophomore year.

Six hours a week, first year.

Seven hours a week, first semester, second year.

Prosthetic Technic

Embraces in detail the construction of the various forms of artificial dentures and appliances used in modern dentistry.

In these several courses it is the aim to teach not only the more mechanical processes, but also that combination of art with mechanism which enables the practitioner to effect so much in restoring the symmetry of the face and the usefulness of the teeth, when they have been lost or impaired by accident or disease.

Freshman Class : 4 hours a week, each year.

Prosthetics: Crown and Bridge Work

All varieties of crowns and bridges are studied with their indications and contra-indications; the preparation of teeth and construction of parts to correspond to the organs lost.

Physiology

This course aims to give the student a general knowledge of the normal activities of the human body. Emphasis is laid on the nervous system, muscular tissues, circulation, respiration, digestion and excretion.

Three hours a week, third year.

One hour a week, fourth year.

Physical Culture

Classes in Physical Culture are held in the Gymnasium at 1203 South Grand Avenue, one block north of the Dental School. Attendance at these classes and exercises is obligatory on all dental students; credits, as in other branches of the University courses, will be assigned on the basis of attendance and proficiency.

A fee of five dollars, payable at the commencement of the Fall Semester, will be charged for the course. This fee will entitle the student to all gymnasium privileges; to thorough medical examination and advice of medical examiner and privilege of gymnasium bathrooms every afternoon during season.

Requirements for Admission

A candidate for admission to the Dental School will be accepted (1) upon presentation of a diploma or equivalent certificate from an accredited High School or secondary educational institute of equal rank, which requires four years for completion of its course, and not less than 15 High School units before graduation; or (2) upon passing a satisfactory examination before the Official Examiner for dental schools in St. Louis and presenting from such authority a certificate showing that the holder is entitled to not less than 15 High School units of credit made up from the subjects required.

A list of subjects from which credit can be had will be sent upon application.

Requirements for Graduation

The candidate for graduation must be of legal age and of good moral character; must present to the faculty the required clinical record of practical operation on the natural teeth, must sustain a satisfactory examination in the branches taught and must prove his fitness for the practice of dentistry.

His time of study must include attendance on four courses of lectures, the last of which must be at this Institution.

His deportment during the course must have been unexceptional, and attendance upon all lectures, clinic and other instruction in the course must have been in accord with the requirements of the school.

Attendance on any course of lectures in other recognized dental colleges having similar requirements will be accepted as equivalent to a corresponding course in this school. Graduates of medical colleges will be required to attend three full years of instruction in this school, including all laboratory and clinical requirements, and all lectures, before applying for graduation.

Having complied with the above requirements, the faculty will recommend the candidate to the Board of Trustees of the University as entitled to receive the degree of Doctor of Dental Surgery.

Tuition Fees

Freshman Year

Matriculation,	\$ 5.00
Athletic Fee	5.00
Deposit Fee	10.00
Tuition, 1st semester	75.00
Tuition, 2nd semester	75.00

Total fees first year.....\$170.00

Sophomore Year

Athletic Fee	\$ 5.00
Deposit Fee	10.00
Tuition, 1st semester	75.00
Tuition, 2nd semester	75.00

Total fees second year.....\$165.00

Junior Year

Athletic Fee	\$ 5.00
Deposit Fee	10.00
Tuition, 1st semester	75.00
Tuition, 2nd semester	75.00

Total fees third year.....\$165.00

Senior Year

Athletic Fee	\$ 5.00
Deposit Fee	10.00
Tuition, 1st semester	75.00
Tuition, 2nd semester	75.00

Total fees fourth year.....\$165.00

Commissioned Officers

The following members of the Faculty of the St. Louis University School of Dentistry are commissioned officers in the service of the United States:

Lieut. Clyde C. Craig, Dental Reserve Corps.
 Lieut. Ben A. Fuld, Dental Reserve Corps.
 Lieut. James P. Harper, Dental Reserve Corps.
 Capt. Virgil Loeb, Medical Officers Reserve Corps.
 Lieut. Harry D. Nelgner, Dental Reserve Corps.
 Lieut. Ralph B. Rode, Dental Reserve Corps.
 Lieut. George B. Scott, Dental Reserve Corps.
 Lieut. William G. Tonkinson, Dental Reserve Corps.
 Doctor David C. Todd, Examining Physician, War Dept.

Institute of Law

Institute of Law

Officers

REV. BERNARD J. OTTING, S. J.,
President of the University.

PAUL BAKEWELL, LL. D.,
Dean.

REV. MATTHEW McMENAMY, S. J.,
Regent.

JOHN B. RENO, A. M., LL. B.,
Secretary.

Introductory Statement

A special announcement giving detailed information of this department is published annually. For copies of such announcement or for other information relating to the department of law, address the Registrar, St. Louis University Institute of Law, 3642 Lindell Boulevard, St. Louis, Mo.

History

See page 67.

Course of Instruction

The complete course of Instruction in this school covers a period of four academic years of ten months each. The instruction imparted during this period, (1) prepares the student for the Bar, by giving a thorough instruction in legal reasoning and in the general principles and rules of American law; (2) prepares the student to practice law in any English-speaking jurisdiction; (3) offers to advanced students instruction in all that belongs to law in its scientific and wider sense; (4) extends to students who do not propose to practice law, but who wish to pursue some particular branches of legal or political knowledge, any assistance they may require for these studies. These four and distinct phases of instruction are known as the Degree Course, the Graduate Course and the Special Course.

The Undergraduate or Degree Course covers a period of three years for the Day School, and four years for the Night School, and leads to the degree of LL. B. It embraces all the branches scheduled for these courses, with reasonable provision for advanced standing in the case of students who have completed elsewhere the work of the earlier years.

The Graduate Course, leading to the degree of LL. M., may be entered upon by students who have received the degree of LL. B. from this or some other approved school with a three-year course. It embraces all the branches scheduled for the fourth year.

The Special Course will depend largely upon the option of the student, the opinion of the Faculty in each particular case, and always upon the ruling of the Dean. But the course once chosen must be pursued and completed with the same thoroughness as is required in the regular courses.

Two Schools of Instruction

The course of instruction is carried out in two schools, viz.: a Day School and a Night School. The circumstances of a great body of desirable law students have made the Night School of Law a necessity, at least in this country and at this time. These young men are forced to work during the day, and cannot take advantage of the lectures then given. On the other hand, experience has established the fact that in this class of aspirants we often find the brightest legal talent. Some of the ablest lawyers and judges in the country have received their legal education in night schools.

Nor does the fact that the school is held in the evening detract in any way from the efficiency of the course. The same studies are pursued. The same advantages of library, consultation and practice court exist. The same ability in professors is as available in the evening as during the day, and the hours of class are substantially equivalent in number and duration.

Day School opens every morning except Sundays and legal holidays, at 8:30 o'clock, and continues until 11 o'clock. In the afternoon classes are resumed at 3:30 o'clock, and continue until 6 p. m. The Night School opens every Monday, Wednesday, Friday and Saturday evening at 7:30 o'clock, and closes at 9:30 p. m., the intervening evenings being allowed for study and lectures.

System of Instruction

There are three distinct systems of instruction employed in the law schools of the United States, viz.: the Lecture system, the Text system, and the Case system. The Lecture system aims at imparting knowledge by a series of set daily lectures

and is followed by recitations consisting of a series of questions or quizzes meant to elicit the student's grasp of the subject and improve his expression. The Text system contemplates the daily study of assigned portions of chosen text-books and recitations upon the same in the classroom, amplified by such explanations or lectures by the instructor as may be deemed necessary and a repetition of the portion so explained. The Case system teaches the law by the study of adjudicated cases. According to this method, the student is given a selected case which he is required to examine in search of the principles on which the case was originally decided, and is required to collate the essential facts, and the rules of law applied thereto, in a summary which gives an exact statement of the law involved in the case of the process of legal reasoning.

These systems have their advantages and their drawbacks. Thus the Lecture system is credited with affording the student a connected, systematic and doctrinal knowledge of the law. It supplies the want of proper manuals, or renders the student independent of all manuals. It is suited to the constant, rapid, and changing advance of legal science, and saves time and money for the student. On the other hand, it ignores and eliminates the mental discipline of the student; cultivates his memory at the sacrifice of his understanding and is adapted to courses of less importance and courses that are more specialized.

The Text system, it is claimed, gives more definite and permanent impressions of the principles and rules of legal science through the study of standard text-books, the careful analysis of leading cases, followed by the explanation and examinations of the recitation room. But then, again, it is asserted that this system stunts the mental growth of the lawyer. It cultivates his memory, not his legal talent, and is suited for less difficult branches.

The Case system, it is said, is better suited to develop the analytic faculties of the mind, at the same time that the memory is stored with legal principles. It is the nearest approach to the work of the practicing lawyer, who examines adjudicated

cases in search of the principle of law applicable to the case in question. Yet it is objected, that the system is so slow that, where it is followed exclusively, the average student graduates without having learned even the most elementary branches of the law, simply for the lack of time to do the work.

Believing, therefore, that each system has its advantages, the St. Louis University Institute of Law does not commit itself to any one system to the exclusion of the other. It will employ, or at least countenance the employment by its professors of all these various systems. The three systems will, it is believed, give more satisfactory results, under the present conditions of law schools in the United States. We believe that the student, generally speaking, will get from the mixed system as much as if not more than he would from an exclusive system. He will learn all that he would learn in an ordinary Case system school. Over and above this, he will possess a systematic knowledge and a familiarity with branches of the law of which he would have been profoundly ignorant under the Case system alone. On the other hand, he will, in our mixed system, acquire a mental discipline which the lecture and text-book system would not impart. In a word, in our mixed system, the student will have the depth of the Case system and the breadth and definiteness of the Lecture and Text-book system.

Entrance Requirements

A. For Freshman Year—Without Examination

1. Graduates from Colleges and Universities composing the Missouri College Union.
2. Graduates from all other Colleges and Universities of like grade and standing.
3. Graduates from Normal schools, Technical institutes and Scientific schools of Collegiate standing.
4. Graduates from four-year high schools of recognized grade.
5. Special students who have removed their entrance conditions.

6. Students who have had a preliminary education equivalent to a four-year high school course of approved grade.

B. For Freshman Year—With Examination

All other applicants for the first year of law who cannot qualify under one of the above conditions must pass an examination in English Grammar, Rhetoric, Composition and Literature; in Latin version and translation from Nepos, Caesar, Virgil, or Cicero's essays; in readings from the German, French, Italian or Spanish; in ancient and modern history, and in the history of England and the United States; in Algebra, Plane Trigonometry; in Physics, Botany, Chemistry and Geography.

Applicants who are required to take an entrance examination should present themselves for examination on Monday, September 2, at 10 a. m., at the University.

If a student is admitted with conditions in entrance subjects, he must remove such conditions a year from the time when they were imposed.

Unless the applicant come from another Law school, he will not be admitted to the first year class after the second week in December.

All students are urged to enter at the beginning of the year.

The examinations for the first year of law are conducted at the same time and by the same members of the Faculty as the examination of candidates for admission to the College of Letters and Science.

Those intending to apply for examination to the first year of law should notify the Registrar of the Institute before the opening of classes, and also apply for directions, as examinations cannot be taken later.

C. For Advanced Students—For the Junior Year of Law

a. **EDUCATIONAL REQUIREMENTS.** The applicant must be at least nineteen years of age, and have fulfilled all the requirements specified for admission to the first year of Law, or give proof of a satisfactory grade of scholarship. Examina-

tions, however, in any other subjects required by the Faculty for admission to the Junior year may be demanded.

b. **PREVIOUS LEGAL ACQUIREMENTS.** Admission to the Second Year of Law will be granted to those applicants who have—

1. Passed satisfactory examinations in all the prescribed courses of study of the First Year;

2. Who have studied one or more years in a Law School of the Association of American Law Schools, or in one of their substantial equivalents. Students thus admitted, however, must pass examinations in courses previously pursued by the class and which they have not taken before or at the close of the year, as the Dean will decide in each case.

3. Applicants who actually in good faith, and as their principal occupation, have pursued for a period of fifteen months, in the office or under the guidance of some reputable practitioner or instructor, a course of study fairly equivalent to that pursued in the First Year, and who present to the Dean the affidavit of such practitioner or instructor showing with particularity that this requirement has been met.

D. For Advanced Students—For the Senior Year of Law

Students from other Law Schools of high grade will receive credit, not, however, exceeding two years in amount, for the satisfactory completion of work done in these schools similar in character to that required in this school.

E. For Special Students

Special students are those applicants for entrance who do not desire to pursue regular work, but have for their aim to perfect themselves in some branch of the law, or to take up as a preparation for business or political life, or who desire an enlarged view of our political or legal institutions and systems and the rules which govern them. The following persons will be admitted to this school as special students:

1. Holders of academic degrees in Arts, Literature, Philosophy and Science;

2. Persons whose previous education qualifies them to pursue the studies in which they wish to specialize;

3. Special courses will be selected under the guidance of the Dean and must be pursued with the same thoroughness as in the regular course. No applicant under twenty-one years of age will be permitted to specialize in this school.

4. Special students will receive a certificate for all work done.

5. Special students may enter at any time as candidates for a degree, provided they have met the entrance requirements for regular students.

Practice Court

The Practice Court is essential to an efficient course in law. Students, as a rule, go directly from the law school into practice, without serving a preliminary clerkship in a law office. This has made it necessary for the Institute to provide the instruction in pleading and practice which formerly the student obtained during his law-office apprenticeship. The practice courts furnish the student with as thorough a knowledge, and give him as great a familiarity with the actual practice of law, as can be obtained in a law office. It is not, therefore, merely a moot court, or forum for the argument of disputed questions of law; it is a training school in which the student is systematically put through the routine of office work, court proceedings and the practical duties of professional life.

In addition, therefore, to the courses in procedure in which instruction is given in the principles and general rules of practice in state and federal courts, the Institute maintains an organized Practice Court, which is divided into a Circuit Court and a Supreme Court, with a full corps of officers.

The Circuit Court holds sessions on every Saturday. At certain sessions, motions, demurrers, pleas, and all proceedings of an interlocutory or preliminary nature, and which in actual practice precede the hearing of the case, are disposed of. At the other sessions of the court cases are tried, or such proceedings are had as are usual at the final hearing

of cases in trial courts. Juries are drawn and impaneled, evidence introduced, instructions given, verdicts and judgments are rendered as in the regularly established courts of the country. Appeals and writs of error are prosecuted in due course to the Supreme Court, where briefs are filed and arguments made as in the best conducted Appellate practice. The students issue, serve and return regular process, prepare and file the proper pleadings, conduct the trial, and make the legal argument. In this way they are given practical experience in the commencement of suits, the preparation of pleading, the argument of the lawyers, the trial of the case, the entry of judgment, the taking out of execution, and the appealing of the case to the court of last resort.

The Freshmen will act as process servers, witnesses and jurors in this court and assist in preparation of causes. The conduct of the trial is in rotation assigned to the Juniors and Seniors. Professors experienced in judicial work will regularly preside or be present.

The Supreme Court, to which cases may be appealed or taken by writ of error from the Circuit Court, sits monthly, or oftener, as the work before it may require. This court is presided over by a member of the Faculty and two or four members of the Junior or Senior class. Written briefs are required to be prepared, served properly and submitted to the court. Written opinions containing a full discussion of the legal question presented are required to be handed down by the student justices. Neatness, accuracy and lawyer-like method of expression will be insisted upon in the composition of these opinions, in the writing of briefs, and the execution of all other work before the Practice Court.

Each student will be required during the Junior year to try at least one case in the inferior court, and to take it by appeal to the superior court. In the third year each student will be required to take part in at least two causes, one at law, and the other in equity, in the Circuit Court, and, on appeal, in the Supreme Court.

The Course of Studies

The course of studies is arranged for four years for the Night school and for three years for the Day school and a Post-Graduate Course of one year, given as a night course. The Day school course is so distributed as to require a minimum of fourteen hours of actual recitations, lectures, and practice court work per week. In the Night school the minimum number of hours assigned to the same work will be ten hours each week, from each class.

In addition to the courses indicated in the schedule of studies, provision will be made each year for courses of lectures, and for single lectures by eminent specialists in the profession.

The course of studies will always be subject to revision and change. For it will always remain in the power of the Faculty to raise or lower the fees for tuition, to modify the curriculum, or to otherwise adjust matters pertaining to the conduct of the school as in its wisdom it will judge to be for the best interests of the Institute.

THE DAY SCHOOL—FRESHMAN YEAR.

Courses	Text, Case-Book, Author, or Method	Hours per week	Semester	Class Days	Hours of Class		Professor, Lecturer, Instructor
					A. M.	P. M.	
Bailments and Carriers Agency	Elliott Steele; Mechem's Cases	1 hr.	II	Friday	.....	5.00-6:00	Professor Boisaubin
Contracts	Ashley; Cases	1 hr.	I, II	Wednesday	9:30-10:30	.....	Professor Reno
Criminal Law and Pleading	May's Criminal Law and Pleading; Knowlton's Cases	2 hrs.	I, II	Tues. and Friday	8:30-9:30	.....	Professor Robbins
Torts	Cooley on Torts (Student's edit.); Burdick's Cases.	1 hr.	I, II	Monday	.....	5.00-6:00	Judge Bishop
Common L. Plead.	Andrews, Stephen's Common Law Pleading; Shipp and Daish's Cases	2 hrs.	I, II	Mon. and Thurs.	8:30-9:30	.....	Professor English
Sales	Burdick, F. M. (3d edit.)	2 hrs.	II	Monday	8:30-9:30	.....	Professor Reno
Elementary Law	Robinson's Elementary Law (New Enlarged Edition)	2 hrs.	I	Tues. and Thurs.	9:30-10:30	.....	Professor Neumann
*Study of Cases	Wambaugh on the Study of Cases; Lectures	1 hr.	II	Tuesday	9:30-10:30	.....	Professor Reno
*Looking up the Law	Lectures	1 hr.	I	Mon. and Wed.	8:30-9:30	.....
*Brief Making.	Lectures	1 hr.	II	Monday	.....	3:30-4:30	
Ethics and Nat. L.	Coppens	1 hr.	II	Monday	.....	3:30-4:30	Professor Daly
*Introduction to Law	Lectures and Practice	1 hr.	II	Tuesday	.....	5:00-6:00	Fr. Cloud, S. J.
*How to Use Library	Robinson's Foren. Oratory; Practice	1 hr.	I, II	Monday	.....	3:30-4:30	
Elocution	.....	1 hr.	I, II	Thursday	.....	3:30-4:30	
Practice Court	.....	1 hr.	I, II	Saturday	.....	7:30	

* Occasional Lectures.

THE DAY SCHOOL—JUNIOR YEAR.

Courses	Text, Case-Book, Author, or Method	Hours per week	Semester	Class Days	Hours of Class		Professor, Lecturer, Instructor
					A. M.	P. M.	
Bills and Notes	Bigelow on Bills, Notes and Cheques (3d edit.)	1 hr.	I, II	Thursday	.....	5.00-6:00	Professor Mulvihill
Evidence	Jones on Evidence; Wigmore's Cases	2 hrs.	I, II	Friday	9:30-10:30	.....	Professor Robbins
Property	Tiedeman on Real Property; Tiedeman's Cases	2 hrs.	I, II	Wednesday	9:30-10:30	.....	Professor Reno
Domestic Relat's.	Long	1 hr.	I, II	Monday	9:30-10:30	.....	Professor Robbins
Partnership	Mechem	1 hr.	I	Thursday	8:30-9:30	.....	Professor Robbins
Quasi-Contracts	Woodward	1 hr.	II	Tuesday	.....	3:30-4:30	Professor Eberle
Code Pleading	Phillips	1 hr.	I, II	Monday	8:30-9:30	.....	Professor Eberle
Damages	Sedgwick's Elements of Damages	1 hr.	II	Wednesday	8:30-9:30	.....	Professor Reno
Equity Jurisdic.	Pomeroy's Equity Jurisdic. (Stu. Edit.); Hutchin's and Bunker's Cases	2 hrs.	I, II	Tues. and Thurs.	.....	3:30-4:30	Professor Tompkins
Bankruptcy	Bankruptcy Act and Williston's Cases	1 hr.	I	Tuesday	9:30-10:30	.....	Professor Reno
Corporations	Elliott's Cases	2 hrs.	I, II	Mon. and Thurs.	8:30-9:30	.....	Professor Wilson
Practice Court	.....	1 hr.	I, II	Saturday	8:30-9:30	5.00-6:00	Professor Bakewell
					.....	7:30	

THE DAY SCHOOL—SENIOR YEAR.

Courses	Text, Case-Book, Author, or Method	Hours per week	Semester	Class Days	Hours of Class		Professor, Lecturer, Instructor
					A. M.	P. M.	
International Law	Hershey's Essentials of Int. Law	1 hr.	I	Thursday	8:30-9:30		Professor Edmunds
Conflict of Laws	Minor	1 hr.	I, II	Monday	8:30-9:30		Professor Robbins
Constitutional L.	Black; Boyd's Cases	1 hr.	I, II	Monday	9:30-10:30		Professor Reno
Equity Pleading	Rush; Thompson's Cases	1 hr.	I	Friday	8:30-9:30		Professor Barth
Municipal Corporations	Ingersoll	1 hr.	II	Wednesday	8:30-9:30		Professor English
Suretyship	Childs	1 hr.	I	Wednesday	8:30-9:30		Professor Barth
Civil Procedure	Abbott's Civil Jury Trials	1 hr.	I, II	Friday	9:30-10:30		Professor Reno
Wills, Administration and Est.	Borland	1 hr.	I, II	Tuesday		4:00-5:00	Professor Conran
Insurance	Vance	1 hr.	I	Tuesday	8:30-9:30		Professor Jones
Trusts	Kennison, Cases	1 hr.	I, II	Friday		5:00-6:00	Professor Dyer
Titles	Lectures and Practice	1 hr.	I	Wednesday		5:00-6:00	Professor Bakewell
*Patent Law	Lectures	1 hr.	I	Wednesday		5:00-6:00	Professor Barth
Federal Proced.	Babbitt's Thayer (2nd Edit.)	1 hr.	II	Wednesday	8:30-9:30		Professor Robbins
*Legal Ethics	Warvelle's Legal Ethics; Lectures	1 hr.	II	Tuesday	9:30-10:30		Professor Barth
Extraord. Legal Remedies	Cases	1 hr.	I	Thursday	8:30-9:30		Professor Barth
Public Service Corporations	Burdick, Cases	1 hr.	I	Friday		3:30-4:30	Professor Reno
Amer. Advocacy	Robbins' American Advocacy	1 hr.	II	Tuesday	9:30-10:30		Professor Robbins
Personal Property	Smith	1 hr.	II	Thursday	9:30-10:30		Professor Fabick
Practice Court	.....	1 hr.	I, II	Saturday		7:30	

• Occasional Lectures.

POST-GRADUATE YEAR

Courses	Text, Case-Book, Author, or Method	Hours per week	Semester	Class Days	Hours of Class P. M.	Professor, Lecturer, Instructor
Jurisprudence	Holland	1 hr.	I	Wednesday	8:30-9:30	Professor Reno
Administrative Law	Goodnow	1 hr.	II	Wednesday	8:30-9:30	Professor Reno
History of Common Law	Holmes' "The Common Law"	1 hr.	II	Friday	8:30-9:30	Professor Krone
Property III	Missouri Practice and Cases	1 hr.	II	Friday	8:30-9:30	Professor Reno
English Constitutional Law	Bowyers' Constit. Law of England	1 hr.	I, II	Wednesday	.....	* * *
Municipal Bonds	Lectures	1 hr.	I, II	Friday	8:30-9:30	Professor Charles
Legal Medicine	Stewart	1 hr.	I	Friday	8:30-9:30	Professor Kane
Corporations	Missouri Practice	1 hr.	I, II	Wednesday	8:30-9:30	Professor English

*** Professor to be assigned later.



PROGRAM
OF
FOUR-YEAR NIGHT SCHOOL

In Operation as to
FRESHMAN, SOPHOMORE
AND
JUNIOR CLASSES

SEPTEMBER, 1917

THE FOUR YEAR NIGHT SCHOOL—FRESHMAN YEAR.

Courses	Text, Case-Book, Author or Method	Hours per week	Semester	Class Day	Class Hour	Professor
Elementary Law	Robinson (New Enlarged Edition)	1 hr.	I	Monday	7:30-8:30	Professor Reno
Torts	Cooley on Torts (Student's Edition)	1 hr.	I, II	Monday	8:30-9:30	Professor English
Criminal Law and Procedure	May's Criminal Law and Pleading; Knowlton's Cases	1 hr.	I, II	Wednesday	8:30-9:30	Judge Bishop
Agency	Steele on Agency; Mechem's Cases	1 hr.	I	Wednesday	7:30-8:30	Professor English
Domes. Relations	Long	1 hr.	I	Friday	7:30-8:30	Professor Claiborne
Contracts	Ashley; Cases	1 hr.	I, II	Friday	8:30-9:30	Professor Davis
Bailments	Elliott	1 hr.	II	Monday	7:30-8:30	Professor English
Personal Property	Smith	1 hr.	II	Friday	7:30-8:30	Professor Fabick
Practice Court		1 hr.	I, II	Saturday	7:30	

THE FOUR YEAR NIGHT SCHOOL—SOPHOMORE YEAR.

Courses	Text, Case-Book, Author or Method	Hours per week	Semes- ter	Class Day	Class Hour	Professor
Common L. Plead.	McKelvey	1 hr.	I, II	Monday	7:30-8:30	Professor English
Real Property	Tiedeman on Real Property; Tiedeman's Cases	2 hrs.	I, II	Monday Wednesday	8:30-9:30 7:30-8:30	Professor Reno
Sales	Burdick	1 hr.	I, II	Friday	7:30-8:30	Professor Neumann
Bills and Notes	Bigelow	1 hr.	I, II	Friday	8:30-9:30	Professor Mulvihill
Damages	Sedgwick's Elements of Damages	1 hr.	I	Wednesday	8:30-9:30	Professor Barth
Practice Court		1 hr.	I, II	Saturday	7:30	

THE FOUR YEAR NIGHT SCHOOL—JUNIOR YEAR.

Courses	Text, Case-Book, Author or Method	Hours per week	Semes- ter	Class Day	Class Hour	Professor
Quasi-Contracts	Woodward	1 hr.	I	Monday	8:30-9:30	Professor Eberle
Equity	Pomeroy's Equity (Student's Edition)	2 hrs.	I, II	Mon. and Wed.	7:30-8:30	Judge Barth
Code Pleading	Phillips on Code Pleading	2 hrs.	I	Wed. and Fri.	8:30-9:30	Professor Reno
Evidence	Jones on Evidence; Wigmore's Cases	1 hr.	I, II	Friday	7:30-8:30	Professor Robbins
Partnership	Mechem's Elements and Cases	1 hr.	I	Monday	8:30-9:30	Professor Robbins
Bankruptcy	Bankruptcy Act	1 hr.	II	Wednesday	8:30-9:30	Professor Lashly
Ext. Legal Rem.	Lectures	1 hr.	II	Friday	8:30-9:30	Judge Barth
Practice Court		1 hr.	I, II	Saturday	7:30-8:30	

• Professor to be assigned later.

THE FOUR YEAR NIGHT SCHOOL—SENIOR YEAR.

Courses	Text, Case-Book, Author or Method	Hours per week	Semester	Class Day	Class Hour	Professor
Constitutional L.	Cooley's Principles; Boyd's Cases	1 hr.	I, II	Monday	7:30-8:30	Judge McDonald
Suretyship	Childs	1 hr.	I	Monday	8:30-9:30	Judge Barth
Wills	Borland	1 hr.	I	Wednesday	7:30-8:30	Professor Harris
Corporations	Clark (Third Edition)	1 hr.	I, II	Wednesday	8:30-9:30	Professor English
Conflict of Laws	Minor	1 hr.	I, II	Friday	7:30-8:30	Professor Robbins
Equity Pleading	Rush; Thompson's Cases	1 hr.	I	Friday	8:30-9:30	Judge Barth
Advocacy	Robbins' American Advocacy	1 hr.	II	Monday	8:30-9:30	Professor Robbins
Fed. Procedure	Thayer (Second Edition)	1 hr.	II	Wednesday	7:30-8:30	Judge Barth
Insurance	Vance	1 hr.	II	Friday	7:30-8:30	Professor Thomas
Practice Court		1 hr.	I, II	Saturday	7:30	

Work Leading to the Degree of Bachelor of Laws (LL. B.)

I. For Regular Students

1. Every candidate for the degree of Bachelor of Laws must give evidence of a satisfactory grade of scholarship, or he must have fulfilled the entrance requirements to the Institute of Law.

2. Every candidate must be of good character, and he must have attained the age of twenty-one years at the time he receives his degree.

3. Every student who has made the full course of undergraduate studies, and has performed all the required exercises of the practice court, and has passed his annual examinations with satisfaction, will be admitted to the degree of Bachelor of Laws at the end of his third year.

4. Any student who has not complied with the requirements for graduation at the end of his three years' course may apply for his degree any time within two years thereafter, when such requirements have been met.

II. For Advanced Students

1. Students admitted to advanced standing are entitled to the same privileges as regular students, and graduate on the same conditions as regular students, except as follows:

2. They must be in regular attendance at this school for two or for three years, according to the grade of the class which they entered.

3. Advanced students of the Senior year must present two years' complete work in some approved law school, in order to graduate in one year.

Requirements for Admission to the Degree of Master of Laws. (LL. M.)

For the benefit of those students who wish to pursue their legal studies further than they are able to do in the undergraduate years, a graduate course is offered, leading to the degree of Master of Laws (LL. M.)

The courses of lectures offered in this year of post-graduate work are as follows:

Philosophic Basis of Jurisprudence.
Roman Civil Law.
Common Law.
Administrative Law.
Constitutional Jurisprudence and History.
Legal Medicine.

Those who enter this course as candidates for the degree must have already received the degree of Bachelor of Laws from this or some other law college having a three-year course of study. Those who spend the entire year in the work prescribed for this course, and pass a satisfactory examination upon the subjects taken, will be entitled to the degree of Master of Laws.

1. Every applicant for the Master's degree must have obtained his degree of Bachelor of Laws from this Institute or from a law school whose requirements are substantially equivalent.

2. Every candidate for the Master's degree will be required to take all the courses of the fourth year.

3. Every candidate for this degree must pass a satisfactory examination in all the subjects of study prescribed for the fourth year.

4. Every candidate for the Master's degree must present a thesis, the subject of which shall be determined by the Dean.

Certificate for the Completion of the Special Course

1. A certificate will be issued to each student in the Special courses after a satisfactory examination on the subjects upon which the candidate has specialized.

2. This certificate will set forth, (1) the purpose for which the candidate specialized; (2) the subjects in detail upon which he has specialized; and (3) the degree of success with which he has pursued these studies.

Tuition and Fees

Matriculation Fee	\$ 5
Tuition for Day School, First Semester.....	50
Tuition for Day School, Second Semester.....	50
Tuition for Night School, First Semester.....	50
Tuition for Night School, Second Semester.....	50
Tuition for Post Graduate Course, First Semester...	30
Tuition for Post Graduate Course, Second Semester..	30

1. Tuition is payable semi-annually, or in monthly installments, but in each case strictly in advance.

2. Examination Fees, money for books, etc., are all payable strictly in advance.

3. Candidates for degrees must pay all bills due from them to the Institute ten days before Commencement.

4. Special Students pay the same tuition as regular students of the school they attend.

Books

The first cost of books needed for the course is approximately as follows: First year, \$25; second year, \$40, and the third and fourth years, \$50.

Living Expenses for Students

Good board and lodging can be secured near the University at the rate of \$4 to \$6 per week. Students who club together can board for less. The following table will furnish an esti-

mate of the expenses of a student for the year at the Institute of Law:

Expenses—	Lowest.	Average.	Liberal.
Tuition, per year, Day School.....	\$100	\$100	\$100
Tuition, per year, Night School.....	100	100	100
Board and Room.....	128	160	190
Laundry	15	20	35
Books and Stationery.....	25	40	50
Incidentals	50	75	100
Total	\$318	\$395	\$475

Students may apply at the Institute or at the University for information and direction as to desirable board and lodging. For further information apply to the Registrar of the Institute.

Instruction in Other Departments of the University

Students of Law who are desirous of supplementing their legal education by courses in other departments of the University may do so free of charge, with the permission of the Dean, and under the direction of the Prefect of Studies of the University.

The Law Library

The Law Library contains a large collection of text-books, monographs on law, and case-books, and a choice selection of the present leading legal periodicals.

The body of the library is made up of U. S. Supreme Court Reports, U. S. C. C. A. Reports, L. R. A. Reports, N. Y. Com. Law Reports, N. Y. Chancery Reports, N. Y. Supreme Court Reports, Mass. Supr. Court Reports, N. J. Law Reports, N. J. Equity Reports, Supreme Court Reports of Missouri, Illinois, Kansas, Iowa, Colorado, Texas, Arkansas, Tennessee, Kentucky, Utah, Wisconsin, Texas Civ. App. & Crim. App. Reports, Illinois App. Reports, Mo. App. Reports, N. Y. Ct. App. Reports, and a large collection of decisions and digests of

English and American Law, The National Reporter System, Century Digest, Statutes of many of the States.

A number of duplicate copies of all text-books used in the course are on the shelves of the library for the use of students who desire to prepare their studies in the library. A dozen copies of all case-books used in connection with text-books have been provided for the same purpose.

The library is open daily from 8:00 a. m. to 10:00 p. m. during the academic year and during the Christmas and Easter vacations from 9 a. m. to 6 p. m.

Further facilities are afforded the Institute by the generosity of the Law Library Association of St. Louis. It grants to the students of the Institute the free use of its extensive and delightfully situated library on the top story of the Pierce Building, Fourth and Chestnut streets.

Other Library Facilities

The other library facilities for students who desire to keep up their reading and studies in literature, history and science are very considerable. The Students' Library is well stocked with excellent and up-to-date works, and circulates among the students. The Young Men's Sodality Library is an excellent collection of books and for a fee of \$1 a year circulates among those who are not members of the Sodality. There is a very elegant reading room attached to this library. The University library contains a very large collection of over forty thousand volumes, and is noted for its many rare and valuable works. Besides these general libraries there are special reference libraries in the departments of Theology, Medicine and Philosophy.

Musical, Literary and Athletic Organizations

All organizations in the University are open to Students of the Institute. Among these are the University Band, Orchestra and Glee Club organizations, which afford opportunity for

those who desire to keep up their music, or to cultivate their tastes and talent for music and song.

The Philathetic Society, the oldest debating and literary club in St. Louis, is open to Law students and will afford them rare opportunity for the exercise and development of those faculties and accomplishments so essential to the public speaker and to the lawyer.

The Faculty

The members of the Faculty are all lawyers engaged in the active practice of law, with the exception of the resident Professors, who devote their time exclusively to instruction in the various classes of the Institute.

This composition of the teaching staff gives the Institute less of an academic atmosphere. It brings the student in contact, from the start of his career, with the practical and everyday life of the legal profession. Law professors who have retired from practice, or who have been students of the law for its own sake, often sacrifice its practical to its scientific theoretical treatment.

Practitioners, on the contrary, bring to instruction in law the experience of men who have seen how the principles of law work out in the conduct of public affairs, and in the various and complicated relations of social existence. They are consequently in a better position to correct the theory and mere science of law by experience and practice.

The staff is further composed of men whose legal education has been received in the leading law schools of the United States, and who have been invited to occupy the chair which they fill for their high standing in the community as men and as lawyers. The student enjoys in consequence the advantage of a training which partakes in the most substantial way of the results and excellent features of the other law schools of the country. On the other hand, the responsible character of the Faculty is a certain guarantee to the public that the men who graduate under them will not simply have their memories

primed with legal formulæ, but will be lawyers who enter upon their professional career with Christian ideals, well disciplined minds, and that the deeply moral character which is to render their lives an honor to their college and a blessing to their country.

Location of the Institute

3642 Lindell Boulevard

To accommodate the number of young gentlemen who desire to take a course of law at the University it was found necessary to remove the Institute from its former location to 3642 Lindell Boulevard. A building has been erected which adjoins the Philosophical building of the University. The new quarters of the Institute have all the modern improvements and are especially adapted for law school purposes. They comprise four large and commodious lecture rooms, a perfectly equipped court room, a very extensive library, reading rooms, correspondence and conference rooms and an auditorium which will accommodate an audience of one thousand.

School of Commerce
and Finance

School of Commerce and Finance

Officers

REV. BERNARD J. OTTING, S. J.,
President of the University.

JOSEPH L. DAVIS, S. J.,
Regent.

FRANCIS A. THORNTON, A. M., LL. B.,
Secretary.

General Statement

Organization and Purpose

The character of modern business demands men of superior training. The St. Louis University School of Commerce and Finance was organized in the fall of 1910 to provide the thorough degree of training required. It aims to produce industrial engineers, broad visioned and resourceful organizers and managers, experts and specialists in the various lines of commercial activity. It offers an advanced course of university and professional character and strives to equip its students for success in the larger, more remunerative and more intricate affairs of commerce, industry and finance.

Actual experience alone is now generally recognized to be too slow and costly a process whereby the necessary training may be obtained. Schools, it is true, can not take the place of experience, but they can give to their students advantages which make experience incalculably more valuable. They can supply that scientific groundwork which makes for a larger success; and they can enrich the mind with a wealth of practical suggestion drawn from the accumulated experience of others.

It is chiefly on account of the need of such instruction that schools of this nature established at the leading universities, in recent years, have met with such extraordinary results; results which have been nowhere more marked than at this particular institution.

By far the greater number of our graduates have achieved remarkable success in business and are now holding responsible and lucrative positions.

Faculty and Method of Instruction

The success of the School of Commerce and Finance has been in a great measure due to the method of instruction employed, and to the character of its faculty. In all classes the best texts obtainable are used, and these texts are taught, wherever possible, by practical business men who have been successful for years in their respective lines. Accounting is taught only by practicing accountants, investments by investment bankers and brokers, insurance by insurance men, advertising by advertising men, banking by bankers, law by practicing lawyers, etc. This method of instruction insures a thorough, practical, as well as theoretical, training. Nothing desirable of a scientific character is neglected, economics and kindred topics are taught by trained university instructors, and there are classes and societies for investigation and research; but the emphasis is at all times placed on the practical side of each study, on how to apply the knowledge acquired in the class room to the solution of the actual problems of business.

Course Perfected by Experience

The course of studies, chosen originally after much thought and deliberation, has been elaborated and perfected by seven years experience in the actual operation of the department. Methods and theories which actual use has shown to be less suitable to present day needs, have been discarded for those more progressive and effective. The curriculum now offered is the well balanced and smoothly operating course of studies made possible by continued observation and careful experiment in this field of education.

Present Need of Such Training

There never was a time of greater need for training along the lines here given. The problems of production and

distribution growing out of the war, and the greater ones which will result from the rebuilding of the world's commerce and industry after the war, will require many men well trained in economics, in organization, in management, in trade development, etc. In all lines of business there will be a great demand for a high order of technical commercial efficiency. There is also a very noticeable and growing demand, among large business concerns, for expert accountants, particularly for those who understand the installation and operation of cost systems.

Entrance Requirements

This department being strictly of university standard will admit no students except those who have had a high school education or those whose actual experience in business will enable them to follow the courses with profit. No student will be admitted who is under 18 years of age. Any student who is a high school graduate, or who has received an equivalent education, may enter as a candidate for a degree.

Degrees and Certificates

The University will confer the degree of Bachelor of Commercial Science (B. C. S.) upon all regular students who are candidates for a degree, and who (1) shall submit a satisfactory original thesis on some economic question, and (2) shall have successfully completed a three years' schedule of classes, including all the prescribed courses, and such additional electives as will entitle them to the necessary credits.

Regular students, not candidates for a degree, upon the satisfactory completion of the work required for the degree of Bachelor of Commercial Science, will receive Regular Certificates of Proficiency. Special students who satisfactorily complete a course in Accounting, Law and Economics, as outlined in the following section, will receive Special Certificates.

Post Graduate Work

For those who wish to carry on their work after graduation, a post-graduate course is provided, requiring one year's resident graduate work on approved subjects, and leading to the degree of Master of Commercial Science.

Degree Courses for Graduate Law Students

A special schedule of courses may be arranged whereby students who have graduated from recognized law schools, are enabled to obtain the degree B. C. S. upon the satisfactory completion of two years' work.

Certified Public Accountants

The courses in Accountancy and Law are so arranged as to thoroughly prepare the student to pass the examination required, under the laws of the State of Missouri, for the issuance of a Certified Public Accountant's certificate.

Library Facilities

Owing to the generous donation of friends and former students during the past years, the department now possesses an exceptionally valuable library. A large number of carefully chosen works, on general and technical subjects, affords ample facilities for the investigation of any question touching upon commerce, industry, and finance.

Prizes

THE J. SHEPPARD SMITH PRIZE, donated by Mr. J. Sheppard Smith of the Mississippi Valley Trust Company, is awarded to the Senior who attains the highest general average in his examinations.

THE ECONOMIC CLUB PRIZES, donated by the Economic Club of St. Louis University, are awarded the Junior and Senior students who rank highest in their respective classes.

Location

The School of Commerce and Finance is situated in the south wing of the Administration Building of the University, on Grand Avenue and Pine Street. This location is equally accessible from the business and residence districts, lies at the exact geographical center of St. Louis, and can be quickly reached by street car from every part of the city.

Academic Year

The academic year commences on the first Monday in October and continues until the last Friday in May. It is divided into two terms or semesters, beginning on the first Mondays of October and February, respectively.

Evening Sessions

Classes are held on Monday, Wednesday and Friday evenings, beginning at 7:30 p. m.

Tuition and Fees

The tuition for all regular students taking a full schedule of courses is \$80.00 a year. Special students are charged in accordance with the number and character of the subjects studied.

All tuition must be paid by the quarter, and strictly in advance. The first quarter begins on the first Monday in October, and the three subsequent quarters begin on the first day of December, February and April respectively. No student shall, in any event, be allowed to remain delinquent in the payment of a quarter's tuition later than the end of the first month of the quarter.

Any student wishing to reduce his course must give notice of his intention to do so one quarter in advance; otherwise no allowance will be made on his tuition charges.

No tuition will be refunded to any student except in case of protracted illness.

No student will be allowed to advance to a higher class, or to graduate, until all of his financial obligations to the School are satisfied.

All students, whether regular or special, are charged a matriculation fee of \$5.00, to be paid but once, for enrollment by the University.

A graduation fee of \$10.00 is charged to degree students for graduation; and one of \$3.00 to certificate students.

Conditional examinations, \$2.00.

Other Information

The University reserves at all times the right to temporarily withdraw any course in which less than ten students are enrolled.

For further information address the Secretary of the School of Commerce and Finance, St. Louis University, Grand Avenue and Pine Street, St. Louis, Mo.

During the summer months the Secretary or some other officer of the faculty may be found at the University from 12:30 to 1:30 p. m., and from 3:30 to 6:30 p. m. Special appointments may be arranged for at other hours. Catalogs sent on request.

HOUR SCHEDULE OF FIRST YEAR COURSES.

Time.	Monday	Wednesday	Friday
7:30	Economics	Contracts; Agency	Ethics
8:15	Accounting	Business Management	Accounting
9:00	Accounting	Advertising Salesmanship	Accounting

HOUR SCHEDULE OF SECOND YEAR COURSES.

Time.	Monday	Wednesday	Friday
7:30	Investments; Credits	Corporations; Partnerships	Advanced Economics
8:15	Accounting or Some Elective	Banking	Accounting or Some Elective
9:00	Accounting or Some Elective	Corporate Finance	Accounting or Some Elective

HOUR SCHEDULE OF THIRD YEAR COURSES.

Time.	Monday	Wednesday	Friday
7:30	Sales, Bailments and Carriers	Advanced Economics	Negotiable Instruments; Bankruptcy
8:15	Accounting or Some Elective	Foreign Com- merce or other elective	Accounting or Some Elective
9:00	Accounting or Some Elective	Some Elective	Accounting or Some Elective

HOUR SCHEDULE OF ELECTIVE COURSES.

Time.	Monday	Wednesday	Friday	Saturday
7:30	Political Science		European Monetary Systems	Commercial English
8:15	Junior Accounting		Junior Accounting	
8:15	Senior Accounting	Trade Labels and Patent Rights	Senior Accounting	
8:15	Economic Resources	Interstate Commerce Law	Real Estate	Economic Seminar
8:15	Landlord and Tenant	Public Speaking	Life Insurance	
9:00	Junior Accounting	Office Management	Junior Accounting	
9:00	Senior Accounting	Fire Insurance	Senior Accounting	
8:15	Spanish	Transportation	Spanish	
8:15	German	Insurance Law	German	
	Advanced Spanish	Advanced Spanish	Advanced Spanish	

Description of Courses

Accounting

The courses in accounting are both thorough and comprehensive, familiarizing the student with the latest and most satisfactory methods. They are regular C. P. A. courses and cover the entire field of business analysis, costs, auditing, and the theory and practice of accounts. The teaching is done by chartered and certified accountants, from the leading accounting firms doing business in St. Louis.

Course I. General Accounting (120 hours.)

The object of this course is to lay a solid foundation for the subsequent study of advanced and specialized accounting. To secure absolute thoroughness as well as coherent development, Walton's graded system of General Accounting is used, supplemented by texts of other standard authors. The course includes: The elements of accounting; single and double entry; debits and credits; journalizing, posting and trial balances; closing books; proprietor's accounts; trading and manufacturing accounts; partnership accounts, etc. Advanced analytic study of accounting; analytic study of the balance sheet; assets and liabilities; depreciation; capital stock; profits; surplus and reserves; sinking funds; counting-house methods and business practice; theory of accounts and its adaptability to practical work; general principles of specialized accounting.

A series of comprehensive and carefully graded exercises, simultaneous with and collateral to the lectures on the science of accounts, to insure the student's thorough grasp of the principles acquired and his facility in their practical application.

Course II. Advanced Accounting (240 hours.)

This course includes as sub-courses all the advanced accounting courses as set forth below. The purpose of this course or group of courses is to thoroughly prepare the student for the successful practice of the profession of accountancy; and is designed with special reference to fitting candidates for state certificates to pass the examinations set by State Boards of Accountancy.

Course III. Corporation Accounting (30 hours.)

Corporate formation; books of account, stock accounts; capital, assets and investments; working and trading assets; deferred assets; sinking funds; bonds and debentures; current and deferred assets; reserves; depreciation of property and plant; securities and investments; organizations and re-organizations; mergers, trusts and combinations; insolvency and receivers; systematizing.

Course IV. Cost Accounting (30 hours.)

Analysis of the sources of cost; tracing the cost from the raw materials through the processes of production to the finished product; apportioning costs; cost of labor, skilled and unskilled; cost of management and exploitation; cost units; analysis of costs to determine the relative efficiency of various departments, various aggregate or individual units; trading as distinguished from manufacturing costs; installing and operating cost systems; cost keeping according to the most satisfactory methods; comparative value of different systems of cost accounting.

Course V. Auditing (30 hours.)

Duties and responsibilities of an auditor; scope and purpose of an audit; conduct of an audit, working papers; verifications of accounts, vouchers, etc.; the close of an audit, analytical comparison of compilations, preparation of report; various kinds of audits, as banks, trust companies,

hotels, clubs, public service corporations, breweries, insurance companies, railroads, municipalities, etc.; special investigations; auditing questions.

Course VI. Fiduciary and Investment Accounting (30 hours.)

Accounting of administrators and executors; accounting of trustees; problems of trust accounting; accounting of guardians, curators, etc.; investment accounting; stocks, bonds and debentures; collateral, loans, interest; special problems of investment accounting.

Course VII—VIII. Accounting Problems (120 hours.)

These courses are designed to teach the student how to analyze the practical accounting problems which confront the student in applying the principles which he has theoretically acquired during the first year and which he has continued to amplify during the second and third years; the problems cover all the important phases of co-partnership, corporate and cost accounting as exemplified in the leading lines of business, as manufacturing, trading, real estate, contracting, railroading, banking, brokerage, etc. They constitute a double or continuous course running through the whole of the second and third years.

Law

Our law courses give to the business man all the law that is of any practical value to him in his business life. The classes are taught in regular law school fashion, standard law texts are used, and all lecturers are practicing lawyers of experience.

Course I. Contracts and Agency (30 hours.)

The elements of a contract; parties to a contract; kinds of considerations; illegal, fraudulent and other void contracts, construction of contracts; verbal and written contracts, the Statute of Frauds; how contracts may be terminated; specific performance; breach of contract; damages.

The contract of agency; who may be agents, and how appointed; agency by ratification or estoppel; rights and duties of agents and principals in reference to each other; rights and duties of principals and agents in reference to third parties, termination of the contract of agency.

Course II. Partnerships and Corporations (30 hours.)

Articles of co-partnership; sharing of profits and losses; rights of partners against each other; rights of creditors against firm and partners; silent and dormant partners; commercial paper of partnership; accounting; termination of the co-partnership. how effected; liquidation of assets.

Forming a corporation; stock subscriptions; the nature and contents of charter and by-laws; stockholders' and directors' meetings; the various forms of corporate stock and the rights of holders thereof; corporate elections; rights of minority stockholders; ultra vires acts; voting trusts; directors' and stockholders' liabilities; rights of creditors; dissolution.

Course III. Sales, Bailments and Carriers (30 hours.)

The contract of sale; memoranda, immediate and future sales; time of delivery; shipment, rights and duties of consignee, consignor and carrier; stoppage and loss in transit; when the contract is closed; setting aside sales; warranties; sales by sample, by description, etc.

Nature and classification of bailments; bailments for the benefit of the bailor; bailments for the benefit of the bailee; mutual benefit bailments; innkeepers; common carriers of goods; common carriers of passengers; telegraph and telephone companies.

Course IV. Negotiable Instruments and Bankruptcy (30 hours.)

What instruments are negotiable; bills, notes, drafts and checks; acceptance of drafts; certified checks; defenses to suits brought on negotiable paper; partnership and cor-

poration papers; rights and liabilities of endorsers, presentment; notice of dishonor, protest.

Acts of bankruptcy; who may become bankrupts; exemptions; duties of bankrupts; compositions; discharge; offenses against the bankruptcy law; duties of trustees and referees; creditors' meetings; proof and allowance of claims; preferred creditors; estates.

Course V. Tenancy and Insurance (30 hours.)

Nature of real property; kinds of estates; fee simple estates; life estates; estate less than for life; leaseholds; rights and liabilities of landlord and tenant; the law of fixtures; conditional estates; mortgages; equitable estates; joint estates; titles; conveyancing; deeds.

Nature of the insurance contract; requisites of the insurance contract; insurable interests; premiums and assessments; concealment of fact; representations and warranties; insurance agents and their powers; rights under the policy; the standard fire policy; terms of the life policy; marine insurance; accident insurance; guaranty, credit and liability insurance.

Course VI. Trade Marks, Patents and Interstate Commerce Law (30 hours.)

Trade marks, trade labels, copyrights, patents, rights and duties of holders thereof, duration and limitation of rights.

Nature and jurisdiction of the Interstate Commerce Commission, an examination of its leading decisions in regard to railway rates, common carriers, commerce regulation, accounting, publication of tariffs, etc.

Economics

The courses in Economics discuss the great laws and principles which underlie commercial activities and whose study constitutes the science or philosophy of business. These

courses treat of the laws determining the location and development of industries, the causes of trade movements, markets, prices and price fluctuations, depressions and panics and how to forecast them, and a great number of other subjects of equal interest and importance.

Course I. Ethics (30 hours.)

Ethical foundations; the nature, freedom and responsibility of man; the final end of man; right and wrong in human actions; rights and duties; conscience; the natural law; man's threefold duties; the family; society; private property; the state.

Course II. General Economics (30 hours.)

Production; increasing and diminishing returns; the advantages and drawbacks of modern industrial organization; locality and dimensions of industry; consumption; markets and prices; differential gains; international trade; money and coinage; credit and banking; foreign exchanges; profits, interest and wages; mistaken theories on riches; trade unions; employers' liability; taxation. This course gives a general view of the whole field of economics in preparation for the intensive courses of the two following years.

Course III. Advanced Economics (30 hours.)

This course comprises the required economics of the second year. On account of its intensive character, each assignment demands very careful preparation on the part of the student, and affords opportunity for considerable research work. The course is divided into four parts:

1. **INDUSTRIAL ORGANIZATION:** The organization of production; the development of modern industry; labor and capital in production; transportation and the economic area; large scale production; horizontal and vertical combination; corporate organization of industry; the problems of modern industrialism.

2. **MARKETS AND PRICES:** Value and utility; the nature and operation of markets; demand and supply; marginal value; speculation; value under constant cost; value and diminishing returns; value and increasing returns; monopoly value; joint cost and joint demand.

3. **THE PRINCIPLES OF FINANCE:** The precious metals; functions of money; the quantity of money and prices; the cost of specie in relation to its value; bimetallism; changes in prices; government paper money; banking and the medium of exchange; centralized and decentralized banking systems; crises and industrial depressions; financial panics; some monetary problems.

4. **INTERNATIONAL TRADE:** The mechanism of international trade; foreign exchange; the balance of international payments; the theory of international trade; the relative merits of protection and free trade.

Course IV. Economic Resources (15 hours.)

The importance and geographical distribution of the raw materials of commerce—food products, skins and leathers, textile materials, fibres, oils, woods, gums and resin, drugs, dye-stuffs, minerals and building materials; the chief sources of supply, and how they have been influenced by the growth of modern transportation facilities; development of mineral resources; conserving resources; problems arising from concentrated population.

The influence of natural resources on the growth of industry and the development of trade; the location and concentration of industry; the geographical division of industry; industrial conditions and trade movements.

Course V. Transportation (15 hours.)

The economics of transportation; its influence on commercial and industrial development; ocean transportation; harbors and seaports; export and import charges and duties; inland waterways and transportation; railroads; passenger

traffic; freight traffic; classifications, rates and tariffs; traffic policies; state and federal regulations; transportation problems. The value of this course will be largely enhanced by introducing a number of lectures by prominent railroad officials, who will supplement economic theory with suggestions drawn from everyday experience.

Course VI. Advanced Economics (30 hours.)

This course is a continuation of Economics III, and is divided into three parts:

1. **THE DISTRIBUTION OF WEALTH:** Interest on capital used in production; overproduction and over-investment; rural rents and land tenures; urban site rent; monopoly gains; wages and value; differences in wages; stratification; business profits; population; inequality and its causes.

2. **CURRENT ECONOMIC PROBLEMS:** Problems of labor; trade unions; labor legislation; agencies for industrial peace; workmen's insurance; co-operation; railway problems; public ownership and public control; combinations and trusts; socialism.

3. **TAXATION:** Principles underlying taxation; income and inheritance taxes; taxes on land and buildings; general property tax; taxes on commodities.

FIELD WORK: In connection with Economics III and VI field work is done by the students, especially in the study of Industrial Organization and Current Economic Problems. The many industrial and financial enterprises of St. Louis furnish excellent facilities for economic examination and analysis. Special research work, under the direction of the professor, is also insisted on.

Course VII. The Monetary Systems of Europe (30 hours.)

The Bank of England and the English Banking System; the Reichsbank; the German Imperial banking laws; evolution of credit and banks in France; the Bank of France; a

comparison of the fiscal systems of England, France and Germany; the relation of the Bank of France to National and International credit; the discount systems of Europe; the National Bank of Belgium; the Swiss banking laws; the Swedish Banking system; statistics.

Course VIII. Political Science (30 hours.)

The ethical basis of political science; the theory of government; analysis of the functions of government; governments of Greece; the government of Rome; Roman and canon law; ecclesiastical government; government during the middle ages; feudalism; types of modern governments; the government of France; the governments of Germany; the governments of Switzerland; the dual government of Austria-Hungary, and Sweden-Norway; the government of Great Britain; the government of the United States; special governmental problems.

Business Administration

Some of the courses in business administration teach scientific organization and management; others aim at making the student a technical expert in such special line of work as he may choose to follow. These courses are all taught by successful business men, who endeavor to give to the student the information that they have acquired from the experience of many years.

Course I. Business Organization and Management (30 hours.)

This course consists of a scientific examination of the principles underlying the successful conduct of business enterprises; and aims to impart to the student in a systematic manner the latest, most approved and most efficient plans of organization and management. The value of the course

is intensified by the fact that it is largely given by men who are actively engaged in the management of successful commercial, industrial and financial institutions.

Course II. Credit Management (15 hours.)

The basis for the legitimate extension of credit; the credit department of a wholesale house, and its equipment; gathering credit information; the mercantile agency; the credit department of a modern department store; collections and collection methods; the financial statement and its analysis; analysis of credit information in general; credit correspondence; banking credits; the legal equipment of the credit manager; bankruptcy and insolvency; liquidation of insolvent estates.

Course III. Investments (30 hours.)

Nature, method and laws of investment; government, state, county and municipal bonds; stocks and bonds of public service companies; stocks and bonds of industrial corporations; railroad stocks and bonds; fluctuation; stock markets; the relation of speculation to investment; the nature and progress of speculation; mortgages; real estate values and investments.

Course IV. Advertising (15 hours.)

Attracting and holding attention; grouping and arrangement; paper, type and illustration; display advertisements and reading notices; newspaper and magazine advertisements; direct publicity; advertising campaigns; bulletins, signs, and posters; window displays; wholesale and retail advertising; department store advertising; catalogues and mail order advertising; reaching the desired customer; relative value of different media; advertising agencies; advertising problems.

Course V. Salesmanship (15 hours.)

Personal qualifications, tact, address, personal magnetism; acquiring a thorough knowledge of the goods to be sold;

studying the customer; the approach; the demonstration; effectiveness in presenting arguments; closing the sale; increasing the order; developing new trade; written salesmanship; personal letters; follow-up letters; organizing a selling force; selling campaigns; selling policies; new and practical selling plans; the ethics of salesmanship.

Course VI. Corporation Finance (30 hours.)

Corporate stock; the sources of corporate funds; short time loans; the corporate mortgage; types of corporate bonds; corporate promotion; new enterprises; consolidations; selling securities; underwriting syndicates; investment of capital funds; disposition of gross earnings; betterment expenses; the corporate surplus; corporate manipulations; insolvency and receiverships; reorganizations.

Course VII. Practical Banking and Finance (30 hours.)

A thorough and practical exposition of the principles of finance and banking; nature and value of money; credit; domestic and foreign exchange; relation of money and credit to prices and the rate of interest; commodity or metal money; monometallism vs. bimetalism; fiat money; credit money; the money of the United States; current monetary questions.

The nature and importance of banking operations; the bank clerk; the paying teller and his cash; the receiving teller and the depositors; the collection department; the discount clerk and his duties; the bank's collaterals; bonds and coupons; the cashier and his duties; the stock, its ownership and transfer; the bank's circulation; foreign exchange and letters of credit; checks; notes and drafts; the president and directors; board meetings; management; the clearing house system; trust companies.

Course VIII. Insurance (30 hours.)

The nature of the insurance contract; relations between company and insured; the main type of insurance organiza-

tions; the New York standard and other policies; forms and clauses, including co-insurance, mortgage, percentage value, etc.; insurance procedure; insurance accounting; loss adjustments; rating methods and special schedules; inspection methods; other forms of insurance.

The life policy; net and office premiums; mortality tables; level premium reserves; general policy provisions; special policy provisions, distribution of surplus as dividends; modes of settlement; procedure and routine of the life insurance business.

Course IX. Real Estate (15 hours.)

This course consists of an exposition of the more important underlying principles which control the successful operation of the real estate business; it includes such matters as: estate management; rent collections; real estate sales; real estate loans; shifting of real estate values; mortgages; conveyancing; title examination; insurance; real estate advertising, etc.

Course X. Office Management (15 hours.)

Laying out floor space; hiring employees; building an organization; schemes of supervision; daily and weekly records; merit systems; overtime; office libraries; petty stealing; departmental records; office appliances; order systems; social organizations, etc.

Course XI. Foreign and Domestic Commerce (30 hours)

Domestic trade conditions, trade movements, mining, crop conditions, manufacturing, centers of distribution, the money market.

Foreign trade conditions, foreign markets, exporting details, correspondence, export commission houses, export orders, preparing and making shipments, marine insurance, financing foreign business, foreign exchange.

Commercial Languages

Courses I, II. Commercial Spanish (120 hours.)

These courses are of particular value owing to the constantly increasing volume of trade between St. Louis and the Latin-American countries; necessitating the employment, by many of the large jobbers and manufacturers of secretaries, stenographers, salesmen, etc., capable of handling Spanish correspondence and business. It aims at imparting to the student, as rapidly as is consistent with thoroughness, an easy and exact command of the language sufficient for all commercial purposes.

Course III. Argumentation and Public Speaking (30 hours.)

Thought development; division and arrangement; oratorical composition; argumentative, persuasive and demonstrative speeches; after-dinner talks; the practical business talks; extempore talks.

Enunciation and inflection; tone development; distinctiveness, power and pathos; power and grace of gesticulation.

Course IV. Commercial English (30 hours.)

A thoroughly practical course in business writing and correspondence.

This course is designed primarily for those who are lacking in the technical language of business; though it is open to any student. The class meets once each week.

School of Divinity

School of Divinity

Officers

REV. BERNARD J. OTTING, S. J.,
President of the University.

REV. FRANCIS J. O'BOYLE, S. J.,
Dean.

REV. FREDERICK P. HAGEMANN, S. J.,
Spiritual Director.

Departments

The School of Divinity is divided into four departments or sections, each of which embraces those groups of studies which are closely related.

In the first, or Dogmatic Section, are included Dogmatic Theology, strictly so-called ; and Fundamental Theology, or General Apologetics.

In the second, the Moral Section, are included Moral Theology, Canon Law and Liturgy.

In the third, the Biblical Section, are included the History of Revelation, Special Introduction to Sacred Scriptures, Exegesis and Oriental Languages.

The fourth, the Historical Section, deals with the History of the Church, its Councils, Institutions and Dogmas.

To these are added the studies of Sacred Eloquence and Ecclesiastical Music.

Method

The course is entirely by lecture, supplemented by regular and frequent repetitions in the accurate scholastic form. The examinations are oral. Lectures and examinations are in Latin.

Outline of Courses

Department I.—Dogmatic Theology

Course I.—General Apologetics

Four lectures a week. Seminar, two hours a week. Two Semesters.

Revelation

Revelation. Possibility of Divine Revelation. Necessity of Supernatural Revelation. Distinctive marks by which a true Revelation may be recognized. Miracles and Prophecies, certain signs of the Divinity of a Revelation. Other criteria.

Christian Revelation. The Four Gospels and the Acts of the Apostles, authentic historic documents. Jesus of Nazareth proves His Divine Mission by the miracles and prophecies narrated in the Four Gospels, especially by His Resurrection from the dead. The spread of the Christian Religion, historically viewed, is an incontrovertible evidence of its divinity. Other proofs. Religious Experience. Messianic Prophecies.

Faith

Its Nature. An act of supernatural faith is an intellectual assent given under the impulse of the will to revealed truth because of the authority of God revealing it.

Material Object. Faith must extend explicitly or implicitly to all truths revealed by God, and to those only. What is implicitly, but formally, revealed, is the object of faith; not, however, what is only virtually revealed.

Evolution. Revelation closed with the Apostles. There neither was nor will be further divine revelation obligatory

on all men. There is an evolution in the manifestation of the material object of faith. This evolution consists in proposing explicitly, clearly, more urgently, truths contained in the word of God as originally intrusted to the Apostles and preached by them, though only implicitly, more or less obscurely, less insistently.

Prerequisite to An Act of Faith. Certain knowledge of God's wisdom and truthfulness and of His revelation is required that our faith may be a rational act. Character of this knowledge in the learned and the unlearned. Manner of acquiring it.

Analysis of the Act of Faith. Being a mediate assent to the revealed truth because of our assent to God's authority revealing it, an act of faith is a virtually discursive act. Difficulty of explaining the psychological nature of the assent with which in the act of faith itself we affirm God's authority and revelation. The various explanations considered.

Properties. An act of supernatural divine faith is by its very nature obscure. This obscurity does not make it impossible for one to have scientific knowledge and faith with regard to the same truth.

It is also certain. This certitude in a true sense surpasses all natural certitudes.

It is essentially true, and also immediately free in as far as it is elicited only under the impulse of a free act of the will.

It must be universal; a deliberate doubt or denial of a single article of faith renders supernatural divine faith in any other article impossible.

Without actual faith in God's existence and in His being our Remunerator in the supernatural order, salvation impossible for adults. Other truths which must necessarily be believed explicitly as a matter of precept.

Holy Scripture

General Introduction. History of the Canon of the Sacred Books. History and authority of texts and versions. The authority of the Latin Vulgate. Principle and history of biblical hermeneutics.

Inspiration. The Inspiration of the whole of Scripture and the Canon of the Sacred Books can be known with certainty only through the infallible teaching of Christ's Church. Nature of Inspiration. False views. True explanation. God the principal Author of the Sacred Books and of all their parts. Nature of God's action on the mind and will of the sacred writer. Extent of Inspiration. The Church the only infallible interpreter of the inspired word.

Course II.—General Apologetics

Four lectures a week. Seminar, two hours a week. Two Semesters.

The Church

Institution of the Church. Preliminary notions. The Church founded directly by Christ. The Church, a perfect society. The proximate and ultimate ends of the Church. The Church, a Monarchy. Church and State. Members of the Church.

Marks of the Church. The Church, a visible organization, consisting of a body and soul. There is but one true Church of Christ. Unity, Sanctity, Catholicity, and Apostolicity, marks of the true Church of Christ. The Roman Catholic Church possesses these marks. No other Christian denomination has these marks. The Church is infallible. The infallible teaching of the Church extends to all matters pertaining to Faith and Morals. Scripture and Tradition, the two sources of the Church's teaching.

Supreme Head of the Church. St. Peter, constituted by Christ the Supreme Head of the Church. The Primacy of

St. Peter in the Church will endure forever. The Pope is the Successor of St. Peter as Bishop of Rome and in the Primacy over the whole Church. The Pope's Primacy, by Christ's institution, is a true power of jurisdiction, ordinary, immediate, comprising the fullness of the spiritual powers over all the members of the Church. Oecumenical Councils. The Pope Infallible when teaching "ex cathedra" i. e., as Universal Teacher of the Church in matters appertaining to Faith and Morals.

Tradition

Tradition. Definition. It is one of the two sources of revelation. Force of the unanimous consent of the Fathers in matters of faith and morals. The Fathers as private Doctors. Consent of Theologians. Authority of St. Thomas. The belief of the faithful. Human reason in Theology.

Course III.—The Triune God

Four lectures a week. Seminar, two hours a week. Two Semesters.

The One God

Existence of God. God knowable to man through creatures. Defined by the Vatican Council. Proved from the Sacred Writings and the Fathers.

Scientific Demonstration of this Truth. The various metaphysical, physical, and moral a posteriori arguments. God not knowable naturally, except through creatures.

Essence of God. A pure spirit of infinite perfection. Physical essence. Metaphysical essence. His self-existence expressed by His name—"I AM."

Attributes of God. His Unicity, Simplicity, Immensity, Immutability, Eternity, Omnipotence, Invisibility, Incomprehensibility. Distinction of God's Attributes from one another, and from His essence.

God's Knowledge. Principal and formal object of Divine Understanding. Secondary and material objects.

God's Will. His antecedent and consequent will; absolute and conditional will; efficacious and inefficacious will.

Liberty of God's will. How harmonized with His immutability.

Providence of God. Natural; embraces all creatures. Supernatural. God's sincere will of man's salvation. How modified by free created agents.

Predestination. Its existence and properties. Though certain and immutable in itself, it is naturally uncertain to man; wholly gratuitous as regards the First Grace; merited as regards Eternal Glory. Various effects of Predestination. Reprobation, the fault of man.

The Trinity

Existence of this Mystery. There are Three Persons in God. Their consubstantiality. Hence each Person is truly God. The various elements of this mystery clearly contained in numerous texts of Holy Scripture.

Knowledge of this Mystery. How far revealed and known in the Old Testament. The Trinity and especially the consubstantiality of the Three Divine Persons in the writings of the Ante-Nicene Fathers. The Trinity and reason.

Nature of This Mystery

Processions in God. There are only two. Principles of these processions. Difference between these processions, as manifested in the Sacred Writings. The Holy Ghost proceeds from the Father and the Son, who are one principle of procession.

Relations in God. Their existence, number, nature. How they constitute the Persons.

The Divine Persons. Their equality. Their in-existence, one in the others. Appropriation of works and attributes to one Person.

Course IV.—Sin. The Incarnation

Four lectures a week. Seminar, two hours a week. Two Semesters.

Sin in General

Nature of Sin. Sin, a moral act at variance with the dictates of reason. Every sin an offense against God. Inequality of sins.

Cause and Effect of Sin. God not the cause or author of sin. The guilt of sin distinct from its liability to punishment.

Personal Sin. The existence of venial sin proved from Holy Writ. Difference between mortal and venial sin, intrinsic to the sin and derived from the gravity of the obligation violated. Habitual sin consists in the guilt of actual sin morally persevering.

The Incarnation

Existence of this Mystery. The divinity of Christ proved from the Old and the New Testament.

Nature of this Mystery. The Word Incarnate, as One Physical Person; according to the Doctrine of the Church against Nestorius. Two perfect natures in Christ, against the Monophysite heresy. Two Wills and Two Operations in Christ, as defined against Monothelitism.

Causes of the Incarnation. Essence of the Hypostatic Union. The Hypostatic Union supernatural; ranks above all other unions, natural and supernatural. Its perpetuity and extent.

The Person of the Word alone assumes human nature. The whole Trinity the efficient cause of the Incarnation. The Redemption of man from sin its final cause. The interchange of the predicates of the Divine and Human Nature in Christ.

Perfection of the Soul of Christ. The beatific vision. Infused and acquired knowledge. The Freedom and Impeccability of His Will. The Soul of Christ holy by the Increased Sanctity of the Word and by the plenitude of sanctifying grace.

Attributes of the God-Man. The Divine Sonship of the Logos the only true sonship of Christ, excluding adoption and human sonship. Christ's Kingship and Priesthood.

The Atonement. The Hypostatic Union necessary if God wished adequate satisfaction for sin. Christ truly atoned for sin. Christ died for all men.

The Worship Due to Christ. The Man Christ an object of Divine worship. Adoration of the Sacred Heart of Jesus.

Veneration of Relics and Sacred images. The Invocation of Saints.

Course V.—God, as the Author of Nature and of the Supernatural

Four lectures a week. Seminar, two hours a week. Two Semesters.

God, as the Author of Nature

Creation in General. Notion of creation. Various definitions. Formal object of creation. Nature of the creative act. Fact of the World's creation known through revelation. Reason's verdict on this fact.

The three Divine Persons create, but there is One Creator. Appropriation of creation to the Father. Creation, as exclusively proper to God. God is also the exemplary and final cause of creation. God's extrinsic glory the end of creation.

Mode and order of the world's formation. The Mosaic Cosmogony. Various interpretations. Science and the Mosaic Narration.

The Angels. Their existence certain. Each was immediately created by God in time. Their nature, number and hierarchy; supernatural endowment; relation to men. The Fallen Angels.

Man. The Bodies of our first parents were immediately fashioned by God. Evolution of the body of man from lower animals seems to be contrary to revelation. No scientific proof has been advanced to establish such an evolution. Each human Soul is created by God at the moment of its infusion into the body. There are two constituent elements in man, a body and a spiritual soul. Age of the human race.

God, as the Author of the Supernatural

The Supernatural Order. Various meanings of the word Nature. Preternatural and supernatural gifts.

Man in the State of Original Justice. Our first parents were not only made the children of God by the infusion of sanctifying grace, but they were favored with other marvelous gifts. Connection of these preternatural gifts with supernatural grace. All these gifts were absolutely gratuitous, as was also man's destination to supernatural beatitude in heaven.

Original Sin. It is transmitted to every human being that comes into the world by way of natural generation, the Blessed Virgin Mary alone excepted, who was preserved from its stain by the merits of Jesus Christ. Nature of this sin. How voluntary in us. Its effects in this life, in the next. It in nowise conflicts with the justice or wisdom or goodness of God.

De Novissimis

The Beatific Vision. Essentially the same for all the Blessed, but unequal in degree according to the merits of each. It is not deferred till the Day of Judgment. By its

very nature it excludes the possibility of sin in the Blessed and is eternal.

Existence of Hell. Teaching of the Church. Athanasian Creed. Fourth Council of Lateran. Constitution of Benedict XII. Scripture, Fathers, Reason.

Nature of the Punishment. Eternity. Pain of Sense.

Purgatory. Its existence. Certainty of Salvation of souls suffering in Purgatory.

Resurrection of the Body. Catholic Dogma. Specific and numerical identity of the body. Modern Rationalists answered.

Judgment. Particular Errors of Nestorius, Calvin. Time and place. Universality. Chiliasm. Millennium.

Course VI.—Grace. The Infused Virtues

Four lectures a week. Seminar, two hours a week. Two Semesters.

Preliminary Notions and Truths

General concept of Grace. Its main division: Natural and Supernatural, Uncreated and Created, Grace of God and Grace of Christ, External and Internal, Gratuitous and Ingratiating, Habitual and Actual.

Salutary acts are entitatively supernatural. Liberty of the will. This liberty was not destroyed by Original Sin. It is necessary for merit.

Actual Grace

Divisions. Awakening grace, Helping grace: Sufficient grace, Efficacious grace: Healing grace, Elevating grace.

Nature of Actual Grace. It formally consists in indeliberate acts of the intellect and will immediately and super-

naturally caused by God. Intrinsic and extrinsic elevation. Nature of the action of grace and of the faculties in producing the supernatural act.

Necessity of Grace. Grace is necessary for every salutary act: also for the Beginnings of Faith and Salvation. Special supernatural aid is necessary for perseverance. What man may know and do in the moral order without grace. Heresy of the Pelagians, of the Semi-Pelagians. Similiar errors of modern Rationalists.

Grace and Free Will. Man's will remains free under the influence of efficacious grace. Meaning of grace really but purely sufficient. Such grace exists. Difficulty of harmonizing efficacious grace with the freedom of the will. The Molinist explanation preferred.

Economy of Grace. It is absolutely gratuitous. Grace at least remotely sufficient is given to all men: to the Just, to Sinners, even the obdurate, to Infidels.

Habitual Grace

Justification. Its character. Numerous systems of Protestants. Catholic doctrine embraces two things: The real remission of sin, which is completely blotted out and not merely not imputed, and the sanctification and inward renewal of man by the voluntary acceptance of sanctifying grace and supernatural gifts.

Sanctifying Grace. Its nature. Its formal effects. Character of the union which it effects between the soul and the Holy Spirit.

Disposition for Justification. The Catholic Doctrine. The Lutheran and Calvinistic Doctrines. Saving faith. Nature and object of this faith. Its necessity. Faith alone not sufficient.

Properties of Justification. It is uncertain. Grades of

justice differ in different men. Man may fall from the state of grace. He does so through any mortal sin.

Merit. General definition of a meritorious work. If the quality of the work done claims a reward as a matter of justice, its merit is termed *de condigno*; if it only claims a reward as a matter of liberality or fittingness, its merit is *de congruo*. Possibility of man's meriting with God.

Conditions of Condign and Congruous Merit required on the part of the act, of the person meriting, of God.

Infused Virtues

General Study

Existence. There are only three theological virtues: Faith, Hope and Charity. Infused moral virtues.

Nature. They are new permanent principles of action in the supernatural order, but unlike the acquired virtues, they do not bestow facility of operation. Facility due to acquired natural virtues.

Cause. God is their sole efficient physical cause. He infuses all of them simultaneously in justification. In the just, every supernatural action merits increase of sanctifying grace, and proportional increase in the intrinsic perfection of all the infused virtues.

Loss. Mortal sin deprives the Just of sanctifying grace and of the infused virtues save faith and hope. These lost only through the sins of infidelity and despair. Venial sins neither destroy nor directly diminish the intrinsic perfection of sanctifying grace or of the infused virtues, but they are a disposing cause of their ultimate loss through mortal sin.

Special Study

Faith. See page 176.

Hope

Its Nature. Distinction from faith and charity. Its subject.

Properties. The act of hope is necessary for salvation. Absolute expectation of eternal beatitude is not certain without a special revelation. This uncertainty not attributable to God, but only to the possibility of man's not corresponding to God's grace.

Object. Its formal motive is God's relative goodness, in as far as hope is a desire of eternal beatitude; and God's omnipotence, mercy and fidelity, in as far as hope includes energy and effort in the face of difficulties.

Its primary material object is man's beatitude; everything conducive to that beatitude is its secondary object.

Charity

Formal and Material Object. Formal motive of charity, God's absolute goodness. Material object, primary God; secondary, every creature capable of partaking of the eternal happiness of God.

Nature and Properties. Charity constitutes a true friendship between God and Man. It is the most excellent of the virtues; the vivifying principle of all the others.

Course VII.—The Sacraments in General

Baptism. Confirmation. Holy Eucharist

Four lectures a week. Seminar, two hours a week. Two Semesters.

The Sacraments in General

Essence and Existence. The definition of a sacrament. There are seven sacraments, all instituted by Christ. Not all are of equal necessity and dignity.

Effects. Sacraments of the Old Law are not productive of grace *ex opere operato*; sacraments of the New Law are, *ex opere operato*, productive of grace in recipients disposed. All sacraments are sources of special graces; some impress a character.

Matter and Form. The intrinsic causes of the sacraments. The matter and form are determined by Christ in some way for all the sacraments.

Minister. The proper minister of each sacrament. An interior intention, at least virtual, but neither faith nor grace, is necessary in the minister for valid administration; for licit administration by an ordained minister, grace is necessary.

Subject. For the valid reception of the sacraments, an intention is necessary in adults, but not faith strictly so-called; faith is required in Penance. For the fruitful reception of the sacraments of "the living," grace is necessary.

Baptism

Nature. The definition considered physically and metaphysically. Its institution by Christ. Remote and proximate matter. The form is expressive of laving.

Necessity. It is ordinarily a necessary means of salvation. Where it is impossible the desire of baptism is sufficient in adults; where possible, adults are under precept to receive it. Perfect love and martyrdom as substitutes, and their conditions.

Effects. Remission of sin original and actual, and of all punishment due to sin. Infusion of sanctifying grace. The gift of special graces as necessary for the attainment of man's last end.

Confirmation

Nature. Its institution. It is not necessary for salvation with the necessity of means, but only with the necessity

of precept. The matter of the sacrament is the anointing and the laying on of hands, not one only but both. The chrism. The form are the words used during the action.

Minister. The ordinary minister is the bishop; the extraordinary, a priest with delegated power.

Subject. Every one who has received baptism, and only such.

Holy Eucharist

Nature and Excellence. The real presence of Christ is proved from John 6, Matt. 26, Mark 14, Luke 22, I Cor. 11; from the Fathers; from the teaching of the infallible Church.

Manner of Christ's Presence. It is permanent; through transubstantiation of the bread and wine into the body and blood of Christ.

Intrinsic Causes. The matter of the sacrament is wheaten bread and wine of the grape. Leavened bread with the Greeks; and unleavened bread with the Latins, is solely a matter of precept. The form of the sacrament are the words essential to the expression of Christ's presence.

Dispensation of the Sacrament. All who are baptized and in the state of grace, and they alone, can receive the sacrament with fruit. The sacrament is not necessary *necessitate medii* as a means of salvation, but it is commanded by both divine and ecclesiastical law. The priest is the sole minister of consecration and the ordinary minister of distribution; the deacon is an extraordinary minister of distribution.

The Mass. It is a true sacrifice, as proved from Malachy 1, Heb. 5, 7 and 13; from the Fathers; from the teaching of the Church. Christ is Himself the priest and the victim. The Sacrifice of the Mass remits sin and its punishment, not, however, in the same way as the sacraments. It is offered to God alone.

Course VIII.—The Sacraments

Four lectures a week. Seminar, two hours a week. Two Semesters.

Penance

Virtue. Real Distinction from the virtues theological and moral. Distinguishing motive. Material Object.

Sacrament. Institution, John XX, 21 sq. Power to forgive, all-embracing. Power of binding and loosing. Judicial Character. Requisites on the part of the Penitent.

Contrition. Nature of the Act. Perfect Contrition with implicit desire of the Sacrament, a means of Justification. Attrition, sufficient for proper reception of the Sacrament.

Confession. Necessity. Per se, should embrace all mortal sins; per accidens, formal integrity suffices.

Satisfaction. Efficacy in remitting temporal punishment.

Minister. Only regularly ordained priests. Proof from tradition. Necessity of Jurisdiction. Meaning of Judicial Sentence, as expressed in the words of Absolution.

Extreme Unction

Nature. Sacrament of the New Law (Trid. XIV). Its essence. Episcopal Benediction of Remote Matter essential.

Minister. Duly ordained priest; Subject, adult person grievously sick. (St. James V, Trid. Sess. XIV, Denz. 807.)

Effect. Bestowal of Habitual Grace. Strength communicated to the soul against temptations and difficulties. Disposing the soul for entrance into life eternal. Restoration of health.

Holy Orders

Nature. Essential Distinction between Clergy and Laity, of Divine Right. A Sacrament of the New Dispensation. Minor and Major Orders. Bishops, Priests and Deacons.

Matter, Form, Minister. Imposition of Hands, Prayer of Bishop. Subject, Baptized Male Person.

Matrimony

Nature. Sacrament of the New Law. As such, identical with the matrimonial contract in the case of Christians. Matrimony of the unbaptized, not sacramental.

Minister, Matter, Form. Contracting parties, consent of Contracting Parties, of Parents.

Polygamy. The Natural Law. The Patriarchs. The Gospel.

Indissolubility. Matrimony of the Unbaptized The Old Testament "Bill of Divorce." Pauline Privilege. Doctrine of Christ. Papal Dispensation.

Impediments. The Right of the Church to establish them. Trid. XXIV.

Department II.—Moral Theology, Canon Law, Liturgy

SECTION I.—MORAL THEOLOGY.

Course I.—Moral Principles. Christian Duties

Five lectures a week. Seminar, one hour a week. Two Semesters.

Part I. Principles

Human Acts. Nature; constituents; voluntarium and its species; voluntarium in causa, regulating principles Modifying influences of Human Acts—ignorance, concupiscence, fear, violence. Morality, its essence. Whether there are actus indifferentes in individuo; whether the external act increases the morality of the internal. Fountains of morality—object, circumstances, end. Obligation of referring our acts to God.

Conscience. Nature; divisions—right and erroneous, certain and doubtful, scrupulous and lax.

Probability. Its nature; species—intrinsic, extrinsic, speculative, practical, etc. Systems regarding probability—absolute and mitigated tutorism, probabilliorism, equiprobabilism, probabilism.

Laws

Nature. Notion, essence.

Kinds. Natural and positive; Divine and Human; Ecclesiastical and civil; penal; irritant. Divine Positive law in the Old and New Dispensation. Author of the law; Ecclesiastical legislators: Roman Pontiff, Councils: General, Plenary, Provincial, Diocesan Synod.

Obligation. Obligation of the law sub gravi, sub levi; how far the quality of the obligation depends on the intention of the legislator and the matter of the law. Promulgation necessary for obligation; mode of promulgation for Papal and Ecclesiastical laws. Promulgation of the Natural law; can there be invincible ignorance of its precepts. Subjects of the Natural Law, Ecclesiastical, Civil. Requisites for the fulfillment of an affirmative law, of a negative law. Causes excusing from the obligation of a law; exempting or impeding, directly, indirectly; proximately, remotely. Conditions requisite for the placing of an exempting or an impeding cause. Interpretation of a law; species; rules for doctrinal interpretation.

Dispensation. Nature; species. Who can dispense in Divine or Ecclesiastical laws. Cessation of dispensation by cessation of cause, by revocation, by renunciation. Cessation of laws by abrogation, by cessation of adequate motive cause, by desuetude.

Custom. Kinds. Conditions for the establishment of a legitimate custom. Its force.

Sins

Kinds. The distinction between mortal and venial sins; conditions required. Rules for Numeric and Specific distinction. Interior sins. Capital sins.

Part II.—General Duties

Virtues. Theological: Faith, necessity and material object. Opposing sins. Hope; opposite vices. Charity, material object, primary and secondary. Love of God; when the precept urges. Love of neighbor in general; of enemies. Precept of almsgiving, of fraternal correction. Sins opposed to the love of neighbor, scandal, co-operation.

Precepts of the Decalogue

First Commandment. Acts of the virtue of religion: adoration, prayer. Vices opposed to religion: superstition, idolatry, vain observance, divination, spiritism, magic. Hypnotism; when forbidden. Sacrilege, Simony.

Second Commandment. Blasphemy; oath, its conditions; vow, its obligation, irritation, dispensation, commutation.

Third Commandment. What prescribed for Sundays and Holy Days; what forbidden. Obligation of hearing Mass. Abstinence from servile works.

Fourth Commandment. Obligation of children and parents; of employers and employees, etc.

Fifth Commandment. Homicide, abortion, duelling, war.

Sixth and Ninth Commandments. Sins, exterior and interior; sins consummated and non-consummated.

Seventh and Tenth Commandments. Justice. Nature of justice. Dominion; its object, subject, acquisition. Theft; occult compensation. Restitution. Unjust co-operation. Circumstances of restitution, how much, to whom, its order, etc.; reasons which excuse from restitution.

Contracts. Requisites; obligation of contracts. Species: unilateral, bilateral. Promise; donation. Testament, nature and species; obligations of testator, heir, executor. Contract of loan; interest, how far permitted or forbidden. Buying and selling; just price, how determined. Sale by

auction. Monopoly, brokerage, partnership, letting and hiring, strikes. Subsidiary Contracts—bond, pawn, mortgage. Insurance; wager and gaming.

Eighth Commandment. Lying, equivocation; detraction, calumny, rash judgment. Violation of secret, natural, promised, committed.

Precepts of the Church

Attendance at the Holy Sacrifice of the Mass.

Abstinence, fast; causes excusing from.

Annual Confession and Paschal Communion.

Particular Obligations

Duties of judges, advocates, witnesses, physicians. Obligations of clerics, positive—Sanctity, celibacy Recitation of the Divine office. Negative obligations of clerics. Obligations of Bishops, Parish Priests, Religious. Nature of the religious state—vocation. Vows of Religious.

Course II.—Christian Aids

Five lectures a week. Seminar, one hour a week. Two Semesters.

Sacraments in General. Nature, division, effects, matter and form of. Minister, attention and intention, obligation of dispensing, or refusing. Subject. Valid and licit reception, reviviscence. Sacramentals, effects and mode of operation.

Sacraments in Particular

Baptism. Matter, remote and proximate; form; ordinary and extraordinary Minister. Subject—infants, adults, converts from sects. Sponsors; valid, licit sponsorship. Ceremonies in the administration of Baptism and obligation of observance.

Confirmation. Matter and form, Minister, subject, age of admission.

Holy Eucharist. Nature and efficacy ; matter and form. Minister, obligation and mode of administering. Subject ; obligation of receiving, dispositions of the soul and body—prescribed fast. Frequent Communion ; regulating principles. Mass, nature and application of ; obligation of celebrating ; time and place of celebration ; requisites, rubrics.

Penance. Matter, remote and proximate ; form, essential, rubrical ; Subject. Contrition and species of ; sorrow and its qualities ; purpose and condition of. Confession, its necessity, integrity of. Satisfaction, obligation of imposing and fulfilling. Minister. Approbation and jurisdiction. Reserved cases, nature of and absolution from. Office of Confessor, general obligations—to special classes, penitents in the proximate occasion of mortal sin, habitual, relapsing sinners. Seal of Confession, its matter and strict obligation.

Indulgences. What they are,—are not. Plenary, partial. Conditions for each. Apostolic Indulgences. Indulgences of Scapulars, Way of the Cross. Privileged Altar. *Benedictio in articulo mortis* treated in detail.

Extreme Unction. Nature and effects ; matter, remote and proximate ; form. Minister, his grave obligation of conferring. Subject. Repeated reception in the same sickness, how far lawful or valid.

Holy Orders. Nature and division ; matter, remote and proximate ; form. Minister. Subjects ; requisites for.

Matrimony. Promise of marriage, nature, obligation and effects of such promise. Banns, reasons for, dispensation from. Nature of marriage, conditional marriage, when valid, invalid. Consent of parents, how far required for licit contract. Properties of marriage, unity and indissolubility.

Matter and form. Minister and subject. Nuptial benediction. Impediments of marriage. Prohibitory ; their names ; dispensation from them. Diriment ; how far doubt or invincible ignorance of them would prevent invalidity of contract. Particular diriment impediments. Error and

Condition; Solemn Vows; Holy Orders; Relationship, natural, spiritual and by adoption; Affinity; Public Propriety; Adultery and Murder; Difference of religion; Fear; Prior Marriage; Clandestinity; Impotence; Abduction. Dispensation from diriment impediments, when possible, when impossible; power, causes and mode of dispensation. Revalidation of marriage by dispensation, simple or in radice. Conjugal obligations, violations thereof.

SECTION II.—CANON LAW

Course I.—Ecclesiastical Persons. Clerics, Religious, The Laity. (First and Second Books of the Code of Canon Law.)

Disciplinary Laws. (Fifth Book of the Code of Canon Law.)

Two lectures a week. Two Semesters.

Introduction to Canon Law. Divisions and Sources. History of Development. Customs, Rescripts, Privileges, Dispensations.

Clerical State. Rights and Obligations of Clerics. Incardination. Appointments and Selection to Ecclesiastical Offices.

General Government. The Supreme Pontiff. General Councils. Cardinals, The Roman Court; Congregations, Tribunals, Offices. Legates, Patriarchs, Primate, Metropolitans. National and Provincial Councils. Vicars, Prefects and Administrators Apostolic. Prelates of Lower Rank.

Episcopal Jurisdiction. Bishops, Coadjutors, Auxiliaries. Diocesan Synods. Vicars General, Chancellors and Notaries, Synodal Examiners and Consultors, Chapters and Diocesan Consultors, Vicars Capitular, Deans, Pastors and Assistant Pastors. Erection, Union and Division of Parishes. Rights, Duties, Appointment and Transfer of Parish Priests.

Religious State. Orders and Congregations. Erection and Suppression of Religious Houses and Provinces. Acquisition, Administration and Alienation of Temporalities. Admission; Conditions of Validity, Postulants, Novices. Requisite Qualifications and Training of Candidates. Profession; temporary and perpetual. Vows; simple and solemn. Studies in Clerical Orders and Congregations. Rights and Obligations. Enclosure; Papal and Episcopal. Egression; Passing to another Order, Return to Laical State, Expulsion.

The Laity. Lay Organizations in general. Third Orders Secular. Confraternities and Pious Unions. Archconfraternities and Sodalities.

Disciplinary Laws. Offenses, their nature and divisions. Interpretation, Application and Remission of Penalties. Censures; Excommunication, Interdict, Suspension. Penal Remedies. Offenses against the Faith and Unity of the Church. Against Religion, Authorities, Persons and Things Ecclesiastical. Against Life, Liberty and Property. Offenses in the administration and reception of the Sacraments. Against the Obligations proper to the Clerical or Religious State. Offenses in the Appointment to and Reception of Ecclesiastical Offices and Dignities. Abuse of Authority.

Course II.—Ecclesiastical Things. (Third Book of the Code of Canon Law.)

Ecclesiastical Procedure. (Fourth Book of the Code of Canon Law.)

Two lectures a week. Two Semesters.

The Sacraments. Baptism, Confirmation, Holy Eucharist, Penance, Extreme Unction, Holy Orders. Minister, Subject, Rites and Ceremonies, Time and Place. Patrons, when required, their qualifications and obligations. Registration of Baptized, Confirmed and Ordained. Reservations. Indulgences; Plenary and Partial, Concession and Requirements for Obtaining. Requisite Qualifications for Ordination. Irregularities and Impediments. Dispensations.

Matrimony, Nature and Purpose. Requirements for Validity. Publication. Impediments; Prohibitory and Diriment. Consent, and the Matrimonial Contract. Separation. Convalidation.

Sacramentals. Competence of Ministers. Consecrations, Benedictions, Exorcisms.

Sacred Places and Times. Churches, Oratories, Altars. Ecclesiastical Sepulture. Cemeteries. Feast Days. Fast and Abstinence.

Worship and Devotion. Custody and Worship of the Blessed Eucharist. Devotion to the Saints. Images and Relics. Processions. Sanctuary Equipment.

Religious Instruction. Sermons, Lectures, Catechetical Instruction, Missions. Seminaries and Schools. Censorship and Publication of Books and Periodicals. Profession of Faith.

Ecclesiastical Benefices and Non-Collegiate Institutions. Erection, Union, Translation, Division, Conversion and Suppression of Benefices. Collation. Right of Patronage. Rights and Obligations of Beneficiaries. Hospitals, Orphan Asylums, other and similar Charitable Institutions.

Ecclesiastical Property. Acquisition, Administration, Alienation, Contracts, Foundations.

Ecclesiastical Procedure. Tribunals of the First Instance. Judges, Auditors, Notaries, Promoters, Defenders. Tribunals of Original and Appellate Jurisdiction. The Rota and Signatura. Parties Litigant. Actions, Exceptions and Petitions. Introduction of Causes. Methods of Procedure. Matrimonial Causes: The Competent Forum. Constitution of Tribunals. Evidence. Witnesses. Causes relative to Ordination. Causes of Beatification: Testimony, Documents, Perquisition, Informative Process. Revision, Discussion, Judgment. Canonization Procedure in removal and transfer of Pastors. Application of Penal Sanctions.

SECTION III.—SACRED LITURGY.

One lecture a week.

The rites and ceremonies of the Catholic Church form part of the curriculum of the Divinity School during the third year of the course. Practical instructions are given on the manner of celebrating the Holy Sacrifice of the Mass; on the administration of the Sacraments, and on the recitation of the Divine Office, on decorum and exactitude in the external worship of God.

TEXT-BOOKS. The Cereimonial of the Council of Baltimore; the Compendium Sacrae Liturgiae of Wapelhorst.

Department III.—Biblical Science

SECTION I.—SACRED SCRIPTURE

Old Testament

Five lectures a week. Two Semesters.

I. History of Revelation and of Old Testament Times.

II. Biblical Archæology:

a). The Tabernacle and the Temple. The Worship. The Calendar. The Sabbath and Principal Feasts.

b). The Government. The Family. Agriculture. Arts and Commerce.

III. **Exegesis.** Special introduction to and commentary on one or more of the following books:

a). The Prophets and Messianic Prophecies.

b). The Psalms and Sapiental Books.

c). The Historical Books.

New Testament

Five lectures a week. Two Semesters.

a). **History of New Testament Times.**

Political History of Palestine. The Jewish Commonwealth under Roman Rule. Religious parties. The Scribes. Jewish life and customs. The Jews and the Gentiles. Messianic hopes. Apocryphal literature. Chronology of New Testament times.

b). **Exegesis.** Special introduction to and commentary on one or more of the following books:

Course I. The Gospels and the Acts of the Apostles.

Course II. The Epistles of St. Paul.

Course III. The Catholic Epistles.

SECTION II.—HEBREW

First Year. Two hours a week. Hebrew Grammar with suitable readings and translation of English into Hebrew.

Second Year. One hour a week. Translation of selected passages with special reference to the syntax.

Department IV.—Ecclesiastical History

**Course I.—The Church of Antiquity and of the Middle Ages.
(1—1307 A. D.)**

Two lectures a week. Two Semesters.

Introduction. The Condition of the Jewish and Gentile World During the Last Century Before Christ.

From 1-313 A.D. The Church of Antiquity. Foundation of the Church. The Vocation of the Gentiles. The Church of Rome. The Primacy. The Spread of Christianity during the First Three Centuries. The Era of Persecutions.

The Hierarchy of the Early Church. The Earliest Heresies. Worship, Sacraments and Private Devotions of the Faithful.

From 313-c700. The Church of the Fathers. The Decline of Paganism and the Spread of Christianity during the Migration of Nations. The Church and the Emperors.

The Great Heresies and Schisms. The Hierarchy. Councils, General and Particular. Religious and Social Life of the Period.

From c700-1073. The Church of the Early Middle Ages. The Conversion of Central and Northern Europe. Mohammedanism. Formation of the Papal States. The Papacy and the Empire.

The Phocian Schism. Religious and Social Life of the Period. Monasticism. Ecclesiastical Literature.

From 1073-1307. The Ages of Faith. Gregory VII. and the Affair of Investitures. The Crusades. The Papacy and the Empire. Innocent III and his Time. The 13th Century.

Internal Development. Monks, Friars and Orders of Knighthood. Mediaeval Sects. Religious and Social Life of the Laity. Mediaeval Art, especially Romanesque and Gothic Architecture. Ecclesiastical Studies. Scholasticism and the Mediaeval Universities.

Course II.—The Church During the Renaissance and Modern Times.

Two lectures a week. Two Semesters.

From 1307-1517. The Renaissance. The Papal Exile at Avignon. The Great Schism of the West. The Pseudo-Conciliar Movement. The Council of Constance. The Popes of the Renaissance.

The Religious and Moral Life of the Period. The Forerunners of the Reformation. Wycliffe and Huss. The Spanish Inquisition. Ecclesiastical Science and Literature. The Renaissance of Letters and of Art.

From 1517-1618. The Religious Revolt of the XVIth Century. Causes of the Reformation. Luther, Calvin and Zwingli. The Reformation in the North and the East of Europe. Calvinism in France, Scotland and the Netherlands. Henry VIII and Elizabeth.

The Counter-Reformation. The Council of Trent and its Reforms. The Papacy. Loyola and the Jesuits. Saints and Missionaries. The Great Modern Theologians. New Orders and Congregations. Literature and Art.

From 1618-1789. The Age of Political Absolutism and Religious Disunion. Protestant Sects. Gallicanism and Josephinism. The Penal Laws in England and Ireland. The Suppression of the Society of Jesus.

Catholic Missions During the XVIIth and XVIIIth Centuries. The Americas. The Reductions of Paraguay. Canada and Colonial America. The Decline of Theological Studies. Jansenism.

From 1789-1870. The Nineteenth Century. The French Revolution. Napoleon and the Church. The Civil Constitution and the Concordat. The Congress of Vienna. The Revolutions of 1830 and 1848. Piedmont and the Loss of the Papal States. The Church in America, especially in the United States.

The Second Spring. Catholic Emancipation. The Oxford Movement. The Catholic Revival in France and Germany. The New Scholasticism. New Orders and Congregations. Catholic Missions. Sacred Art. The Council of the Vatican.

Christian Archeology

(Illustrated)

Introduction. Object of this Course. Concept, Division and Scope of Christian Archeology.

The Catacombs

I. History and Structure of the Catacombs.

1. Origin, Purpose, Use, Decay and Rediscovery.
2. Structure, Location, Extent, Arrangement.

II. The Art of the Catacombs. The Views of the Early Church on Art. Symbolism and Allegory. The Use of Pagan Forms.

1. Architecture and Sculpture. Cubicula and Crypts, esp. The Papal Crypt. Subterranean Basilicas. The Statues of Hippolytus and The Good Shepherd. Sarcophagi.

2. Painting. Character, Contents, Technique. Periods of Cemetery Painting.

Christian Epigraphy

I. General Characteristics of the Inscriptions of the Catacombs.

1. Pagan and Christian Forms. Language and Style.
2. The Dating of Inscriptions.
3. Content and Great Apologetic Value.

II. Various Classes of Inscriptions.

1. Doctrinal, and Hieratic Inscriptions.
2. Historic Inscriptions. Inscriptions Descriptive of the Life and Manners of the Early Christians.

The Art of the Patristic Age.

I. Early Christian Architecture. Prominence of Architecture.

1. The Basilica. Its Original Form and Later Development.

2. The Circular Style. Baptisteries and Rotundas, e.g. The Lateran Baptistery.

3. The Byzantine Style. Its Origin, Characteristics and Spread. The Hagia Sophia at Constantinople.

II. Painting and Sculpture. Views of the Fathers on Art.

1. Sculpture. Sarcophagi. Diptychs, Bookcovers, etc.

2. Painting. Frescoes and Mosaics. Origin and Extraordinary Development of Mosaic Art. Byzantine Mosaics. Ravenna and Rome.

Patrology

Introduction. Concept, Scope and History of Patrology. Definition of Terms: Patrology, Patristics, History of Dogmas, Early Christian Literature, Father of the Church, Ecclesiastical Writer, Doctor of the Church.

Ante-Nicene Fathers. Views of the Early Christians on Literary Activity. General Characteristics of Early Christian Literature.

I. The Apostolic Fathers, before 150 A. D. "The Apostles' Creed." The Didache. The So-called Epistle of Barnabas. The Letters of Clement of Rome, Ignatius of Antioch, and Polycarp. Papias. Hermas. Diognetus.

II. The Apologists of the Second Century. Quadratus. Aristides. Justin the Martyr. Tatian. Athenagoras. Hermias. Minucius Felix, etc. Irenaeus of Lyons.

III. The Third Century. The Beginnings of Theology.

1. The Alexandrians. Clemens. Origen. Dionysius. Lucian, etc.

2. The Africans. Tertullian. Cyprian. Lactantius, etc.

3. The Romans. Hippolytus the Philosopher. The Muratorian Fragment.

The Patristic Age. The Phenomenal Development of the Theological Literature of this Period. Causes. Various Forms. General Characteristics.

I. The Fathers of the East or the Greek Fathers. Eusebius Pamphili. Athanasius. Basil the Great. Gregory of Nazianzus. Theodore of Mopsuestia. Didymus. John Chrysostom. Cyril of Alexandria. Theodoretus. Ephrem. John Damascene, etc. The Pseudo-Areopagite, or The Question of the Authenticity of the Writings of "Denis the Areopagite."

II. The Fathers of the West or the Latin Fathers. Hilary of Poitiers. Ambrose of Milan. Prudentius. Rufinus and Jerome. Augustine of Hippo. John Cassian. Fulgentius. Boethius and Cassiodorus. Venantius Fortunatus, Gregory the Great, etc.

Conclusion. The Decline of Patristic Literature.

History of Dogmas

Two years course. Two periods a week.

Course I. Development of Dogmas During the Patristic Period, 100-869.

First Semester. Teaching of the Apostolic Fathers, of the Apologists, of the Antignostics. Formation of Greek and Latin Theology. Baptismal Controversy. Question of Penance. Arianism and the Council of Nicaea. Semi-Arian Controversy. Apollinarianism. The Macedonian Heresy. The Second General Council. Dogmatic Development during the fourth century. Pelagianism and Semi-Pelagianism. The Doctrine of Grace and Original Sin.

Second Semester. The Nestorian Heresy. The Third General Council. Eutychianism. The Fourth General Council. The Three Chapters. The Fifth General Council. The Monothelite Heresy. The Sixth General Council. Fifth-century Christology. General Theology. Veneration of Saints. Mariology. Eschatology. Veneration of Images. The Seventh General Council. The Filioque Clause. Spanish Adoptionism. The Photian Schism. The Eighth General Council.

Course II. Development of Dogmas During the Scholastic and Post-Tridentine Periods.

First Semester. Formation of Scholasticism. Method and System. Representative Scholastics. Their Teaching—On God: His Existence, His Essence, His Attributes. The Blessed Trinity. Creation. Angelology. Anthropology. Original Justice. Original Sin.

Second Semester. Christology. Soteriology. The Church. Grace. Justification. Predestination. The Sacraments. Mariology. Veneration of Saints. Eschatology. Mediaeval Heresies and Councils. The Reformation and the Council of Trent. Post-Tridentine Theology. School Differences. Later Heresies and Papal Decisions. The Vatican Council.

Text-Book. Manual of the History of Dogmas. B. J. Otten, S. J.

Department V.

SECTION I.—SACRED ELOQUENCE

The students of the Divinity School give serious and continued attention to the theory and practice of pulpit oratory. During the course of the year each student is required to elaborate a sermon on some given text, and, after it has been submitted for approval, to deliver it before his professors and fellow-students. In addition to this weekly gatherings are held, presided over by one of the professors, where, in turn, the students deliver choice selections from the great pulpit orators, or original developments of Scripture texts. The speakers are then criticised by their fellow-students and the professor concludes the exercise by a general summing up of the criticism offered.

SECTION II.—ECCLESIASTICAL MUSIC

Plain Chant

Third Year. Second Term. One hour a week.

Elements and characteristics of modern musical theory. Introduction to the theory and practice of Gregorian chant. Voice culture. Sight reading.

This course is mainly practical. Its object is to give facility in reading and properly rendering the liturgical chant occurring in the service of the Catholic Church.

TEXT-BOOK: New School of Gregorian Chant—Johner.

The University Choir

A choir of about twenty-four voices, from the Theological and Philosophical Departments, takes charge regularly of the singing at all solemn services in the University chapel. At the Holy Week services in the church and on special occasions the choir is assisted by from thirty to forty additional voices.

School of Philosophy
and Science

School of Philosophy and Science

Officers

REV. BERNARD J. OTTING, S. J.,
President of the University.

REV. FRANCIS J. O' BOYLE, S. J.,
Dean.

REV. JAMES I. SHANNON, S. J.,
Vice-Dean.

Introductory Statement

The courses of the School of Philosophy and Science extend over three years, and are divided into: I. The Department of Rational Philosophy and Ethics; II. The Department of Science.

Department of Philosophy and Ethics

The subjects of this department have ever been regarded as the crown of systematic education, Philosophy giving and demanding the highest mental culture, and Ethics furnishing the rational basis of moral conduct. A brief examination of the following outline will show that the purpose of these courses is definite and positive, not solely the study of the history of philosophy and the vagaries of human thought without solid inquiry into the truth or error of the divergent philosophical opinions or theories. The history of philosophical schools and their adherents is adequately considered, but is rated as of secondary importance. The primary object is to sift the truth from error in all opinions and from the knowledge thus acquired to build a consistent system of principles of thought and action.

The strict scholastic method, as perfected by St. Thomas and the schoolmen, is followed. In orderly sequence the various opinions on any subject are examined, the false and the true are discriminated, the error and its source are laid bare, the arguments for the false opinions are refuted, the truth is expounded and established. This work is supplemented by the scholastic exercise known as the "Circle." A "Defender" proposes a thesis which has been established in the manner described, gives an exposition of its meaning, describes the contrary opinions, proves his own proposition

by argument, and then defends his thesis against "Objectors" who urge the difficulties of dissentient philosophic schools. At regular intervals there are public disputations as an incentive to thoroughness and an aid to the acquisition of self-reliance.

Department of Science

Realizing the importance of science and mathematics in a liberal education, the University requires its students of Philosophy to pursue courses in mechanics, physics, chemistry, biology, geology, astronomy and higher mathematics, as indicated below. Every facility is offered for thorough laboratory work.

Outline of Courses

Department I.—Philosophy and Ethics

SECTION I.—RATIONAL PHILOSOPHY

First Year

Logic and Ontology

Ten lectures a week. Seminar, two hours a week.

Minor Logic

Definition and division of Philosophy. The province of formal and material logic. Three acts of the mind.

Simple Apprehension. Classification of ideas. Subordination of genera. The heads of predicables. Classification and use of terms. Definition. Nominal definition. Real definition. Rules for definition. Division.

Judgment. Propositions: their nature and division. Opposition, conversion and equivalence of propositions.

Reasoning. Syllogism and its laws. Figures and modes of the syllogism. Various kinds of syllogisms. Nature and kinds of demonstration. Example and analogy. Analysis and synthesis. Fallacies. Science.

Major Logic

Truth. Definition of truth. Truth completely possessed in the judgment only. Logical falsity. Ideas never false. Judgments may be false.

Certitude. Nature of certitude in general. Ignorance, doubt, suspicion, opinion, probability. Metaphysical, phy-

sical and moral certitude. Natural and philosophic certitude. Universal skepticism. Methodic doubt. The primary principle, fact and condition of all knowledge.

Sources of Certain Cognition. Consciousness. The senses. Ideas. Objectivity of ideas. Criticism of Kant's synthetic "a priori" judgments. Intellect. Reason. Memory. Human testimony and belief. Historical criticism. Auxiliary sciences of history. Processes of indirect research. Textual criticism.

Universals. Nominalism. Conceptualism. Ultra-Realism. True doctrine on universals, as explained by St. Thomas.

Criterion of Truth. Blind impulse to believe. Sentimentalism. Traditionalism. Objective evidence.

Ontology

Being. The concept of being. Being neither a generic nor a universal notion. Analogousness of being. Essence and existence. Possibility, internal and external. The possible precedes the actual. Internal possibility depends, not on God's will or on His omnipotence, but on His essence and intelligence.

Attributes of Being. Unity. Individuality, identical with concrete nature. Identity and distinction. Truth of being. Goodness of being. How and why every being is good. Evil in being a privation.

Notions next in point of generality to Transcendental Being. Substance. The reality of substance defined. False definitions of Locke, Spinoza, and Leibnitz. Accident, absolute and modal. Accidents really distinct from their substance. Accidents existing without substance. Substance as hypostasis and personality. Wrong and dangerous doctrine of Locke in regard to personality. Relation. Causality. Kinds of causality. Principle of causality.

The Perfection of Being. Simple and compound being. Necessary and contingent being. Finite and infinite being. Order and beauty.

Second Year

Cosmology and Psychology

Cosmology

Four lectures a week. Seminar, one hour a week.

Origin of the World. Pantheistic Theories; Materialistic Views; Possibility of Creation; Fact of the World's Creation in Time.

Laws of Nature. Reality of Activity in Inorganic Bodies. Design in Nature. Intrinsic Final Tendencies of Natural Bodies. Contingency of Physical Laws. Nature, Possibility and Cognoscibility of Miracles.

Theory of Matter and Form. Atomism, Dynamism, Substantial Changes; Matter and Form. Nature and Properties of Primal Matter and of Substantial Form. The Compound.

Nature and Properties of Inorganic Bodies. Quantity, Continuity, Formal Effect of Quantity. Space and Place. Time, Eternity, Eternity. Sensible Qualities of Corporeal Substances.

Existence of Bodies in Space. Reality of Existence of Bodies in Space; Circumscriptive, Definitive and Mixed Existence of Bodies in Space; Compenetration and Replication.

Psychology

Six lectures a week. Seminar, one hour a week.

The Problem of Life in General. Characteristics of living and non-living matter. Mechanical theories of life. Vitalism, Neo-Vitalism. The scholastic doctrine.

The Structure and Functions of the Nervous System of Man. The General Arrangement of the nervous system. Nerves. The peripheral end-organs. The spinal cord. The brain.

The Reflex Mechanism and Its Bearing on Psychological Problems. The facts of reflex action. Their purposive character and the so-called objective criterion of mind. Reflexes and voluntary actions, sensori-motor and ideomotor actions, expressive movements, instinctive and impulsive actions. The physical basis of habit. The automaton theory. The principle of conservation of energy and mental control over bodily actions.

The Localization of Functions in the Brain. History of the problem. Modern methods and results. Motor and sensory areas. The so-called "silent areas." Speech centers. The various forms of aphasia. Acquired functions. The process of learning. Problems of child-psychology.

Sleep and Dreams. History of the problem. Various theories of sleep; its physiological and psychological significance. Experimental investigation of dreams.

Hypnotism. The facts and the various theories. The so-called hypnosis of animals.

Nature and Kinds of Sensations. Classification of the senses. External and internal senses. Mueller's, Weber's and Fechner's laws. Experimental investigation of association and memory. The Associanist school. Experimental investigation of the various sensations. Space perception and modern theories on the subject. The scholastic doctrine concerning sensation.

Emotions. Experimental investigations and the scholastic doctrine.

Intellectual Life. Theories of psychic elements in the light of the psychological experiment. Methods of investigation. The work of the Wurzburg school. Essential distinction between intellect and sense. The scholastic doc-

trine in the light of physiological and experimental data. Sensationalists, Associalists, Materialists, Monists, Psychophysical Parallelists, Positivists, Empiricists, Evolutionists. Brutes have no reasoning power.

The Three Elements of Intellectual Life. Simple apprehension, judgment, and reasoning. The objects, primary and secondary, of the intellect.

The Origin of Ideas. Theory of innate ideas; Plato, Descartes, Leibnitz, Rosmini, Cousin, Fichte, Hegel, Schelling, Kant. Ontologism; Malebranche, Gioberti, Ubaghs. Traditionalism; De Bonald, Bonnetti, Ventura. The scholastic Aristotelian doctrine. The process of abstraction; the scholastic doctrine in the light of modern investigations.

Judgment and Reasoning. The scholastic doctrine. Experimental analysis of the judicial process; assent and consent. Analysis of Ratiocination. Deduction and Induction. Implicit reasoning.

The Will. Its essential difference from the sensitive appetite. The object of the will. Motives. Deliberation. Necessary and free acts.

The Nature of Free Will. The conditions of free choice. The experimental evidence. Moral aspect of free will. Free Will, the necessary complement of man's rational nature. The various forms of Determinism. The impediments of free choice. The perversions of the will; crime and insanity.

The Human Soul. The substantiality of the soul and the so-called "actuality theory." The stream of consciousness. The perception of abiding identity of the Ego. The simplicity of the soul and the recent advances in nerve-physiology. The spirituality of the human soul. The argument from the perception of abstracts and universals. Modern nominalism. The argument from perfect psychological reflection. The argument from free will.

Union of Soul and Body. Aristotelico-Scholastic doctrine. Descartes' doctrine on the seat of the soul. Doctrine

of Plato, Malebranche, Locke, Rosmini, etc. Modern theories of "interaction" and "psycho-physical parallelism."

Origin of the Human Soul. Traducianism. The scholastic doctrine.

Immortality of the Human Soul. The natural immortality of the human soul proved from its spirituality. Its actual immortality. Ethical and teleological arguments. The universal belief of mankind and its value as an argument.

Natural Theology and Special Lectures

Natural Theology

Four lectures a week. Seminar, two hours a week.

The Existence of God. Views of the Monotheistic Philosophers on the natural foundation of a reasonable belief in God. Refutation of so-called Ontological arguments. St. Anselm's argument.

Proofs of the existence of an Intelligent First Cause or Personal God. The metaphysical, physical and moral *a posteriori* arguments.

The Essence of God. His Attributes: Infinity, Unicity, Simplicity, Immutability, Eternity, Invisibility, Incomprehensibility.

Cognition of God. Its objects, primary and secondary. His cognition of the Possibles of necessary and free future acts; of the Futuribles.

The Will of God. Its objects, primary and secondary. Necessary and free objects. His Will, the Principle of Creation. The Creative Power can in no sense be shared by Creatures.

Divine Preservation and Concurrence. Divine Providence and its relation to existing evil. Scholastic differences as to the manner in which God concurs with creatures.

Special Lectures

A more thorough study of questions selected from the different parts of Philosophy and of special importance because of their connection with both Moral and Dogmatic Theology.

Historical Courses

History of Philosophy

Two hours a week. Two Semesters.

The logical, metaphysical and ethical problems discussed in the three-year course of Scholastic Philosophy are studied in their historical setting. Special stress is laid on an historical appreciation of *modern* philosophical thought, in particular of *Neo-Scholasticism* and *Neo-Kantism*.

History of Christian Art. (Illustrated)

One hour a week during the second semester.

The scope of this course is to show the development of art under the influence of Christian principles. It confines itself to architecture, painting and sculpture, and comprises the following topics:

Architecture. The Basilica and Rotunda. The Byzantine Style. The Romanesque Style, called Lombard in Northern Italy and Norman in England and Normandy. The Gothic Style, especially in France, England, Germany and Spain. The Renaissance, Baroque and Classic Styles. Church Architecture of the Nineteenth Century.

Painting. Early Christian Painting, Frescoes, Mosaics and Miniatures. Irish Illumination. Painting during the Romanesque and Gothic Periods. Stained Glass and Easel-Pictures. The Italian Renaissance; the Trecento and Quattrocento. The Schools of Tuscany, Umbria and the North. The High Renaissance: da Vinci, Michelangelo, Raphael. The Renaissance beyond the Alps. The Decline of Painting. The Italian, Flemish, Dutch and Spanish Schools of the XVIIth and XVIIIth Centuries. The Revival of Sacred Art in the XIXth Century. The Nazarenes and Pre-Raphaelites.

Sculpture. Early Christian Sculpture: Sarcophagi, Ivories, Statues. The Byzantine Influence. Early Mediaeval Reliefs and Carvings. The Plastic Work of the Romanesque Period. Gothic Statuary and Foliage. Nicolo Pisano and the Revival of Sculpture. The Renaissance: Ghiberti, Donatello, della Robbia, Verrocchio, Michelangelo. Sculpture during the XVth and XVIth Centuries North of the Alps. The Decline of Religious Sculpture during the XVIIIth Century and its Revival during the XIXth.

SECTION II.—ETHICS.

Four lectures a week. Seminar, two hours a week.

General Ethics

Ultimate End of Human Activity. Innate desire of happiness; its value in proving the existence and conditions of a future life. In the purely natural order the ultimate end of human life is perfect natural happiness, consisting necessarily in a relatively perfect knowledge and love of God in the life to come. Supreme purpose of the present life, to shape conduct according to the exigencies of the higher destiny towards which man is tending.

Human Activity. Man, like every other being, attains to his end by acting conformably to his specific nature. A study of human activity. Human acts voluntary. Voluntary acts, considered in their physical nature, require an act of the will guided by a knowledge of the end for which the act is performed. They are modified or nullified by ignorance and passion. Voluntary acts studied in their normal nature. What acts can be called strictly moral acts. Essence of morality. Intrinsic difference between good and evil. Rule of morality and sources from which moral good and evil are derived.

The Law of Nature. In addition to the faculty of knowing right from wrong, man understands clearly that he is obliged to do the one and to avoid the other. General notions of law. There is a law existing in the mind of God from eternity. Through creation this eternal law is promulgated in man's rational nature. Proofs of the existence of a natural law, its scope and its properties. Relation of positive law to the law of nature. Analysis of the idea of obligation.

Rights. Man by reason of his social nature needs protection in the exercise of his liberty. Rights as distinguished from physical force. There are rights granted by nature

which are valid independently of all positive legislation. The juridical order is not separate from the moral. The relation of man to the lower animals; vivisection.

Applied Ethics

Duties. Duties of man towards God. Duties of man towards himself, (a) towards his body, (b) towards his soul, (c) towards external things. Duties of men towards each other.

Right of Defense. A lie is intrinsically evil and in all cases prohibited. Man may defend his life to the extent of destroying the life of an unjust aggressor, if the proper conditions be verified. Under the law of nature every man has a right to his honor and good name; this right, however, cannot be defended by acts of external violence; consequently the duel is prohibited by the law of nature.

The Right of Property. Various forms of socialism. Socialism not a remedy for existing social and economic difficulties. The right of acquiring and holding private possessions is a natural one.

Social Ethics

Domestic Society. Man by nature a social being. This social tendency develops first in domestic society. The nature and necessity, the end, obligation, unity, indissolubility of matrimony. Duties of parents and children in the family. The social instinct in man further develops itself in civil society.

Civil Society. Origin and efficient cause. Origin of authority. End of civil society; false opinions. Rights and duties belonging to civil authority; its supervision over morality, over religion in the natural order. Relation between Church and State. Right of the State in the matter of education. Education a parental right primarily. Relation of public authority to economic and social questions.

Various ways by which political power may be transmitted ; heredity, election, victory, prescription.

Forms of Government. Their division, advantages and defects. That form best which seems most adapted to the character of the governed.

Functions of Authority. Legislative power, its necessity and scope. Executive power. Its duties in foreign representation ; in procuring peace and security at home ; in advancing morality, the arts and sciences.

Judiciary Power. Its necessity ; its rights in civil and criminal cases. Capital punishment.

International Relations. Treaties. War.

Pedagogy

One hour a week the first Semester.

The scope of this class is the work of education, considered both theoretically and practically. An analytic study of the mental, moral (including religious) and physical elements of education is made, special stress being laid upon the all-important work of forming the character of the student.

Due importance is attached to the bearing of philosophy, in general, and of ethics, in particular, upon sound pedagogics.

The ample treatment given the intellectual element of education in the Normal Department of the University is presupposed in this course.

Course in Languages

Three hours a week during both Semesters.

This course is supplementary to the study of the classics as pursued in the Normal Department of the University. It supposes, therefore, a knowledge of Latin and Greek Grammar, and aims at a more intimate acquaintance with the philosophical and historical works of antiquity. The

reading of prose is varied, however, occasionally by the study of some poetical work, for instance, of Horace or Plautus, Sophocles or Aeschylus. Special stress is laid on the study and practice of style. The course concludes with a conspectus of Latin and Greek Literature.

Hebrew

See page 200.

Post-Graduate Elocution

One hour a week.

The class supposes a training in the elementary exercises of voice culture and expression, and aims at the practical application of these exercises to the selections studied. Emphasis and modulation of voice and naturalness in delivery receive special attention. The different interpretations which may be admitted are considered.

Department II.—Mathematics and Science

SECTION I.—MATHEMATICS

Courses I, II, III, VII, VIII, IX. See page 254.

Course IV. A brief review of ALGEBRA, GEOMETRY and TRIGONOMETRY. Three hours a week: two terms.

Course V. ANALYTIC GEOMETRY. A brief course. Three hours a week: one term.

Course VI. DIFFERENTIAL and INTEGRAL CALCULUS: introductory. Three hours a week: one term.

SECTION II.—SCIENCE

Physics

Courses I, II, III, V, VI, VII, VIII. See page 256.

Course IV. A course in COLLEGE PHYSICS, primarily for students of Philosophy who wish to review Physics as a preparation for advanced work. Weekly demonstrations and occasional public lectures by the students serve as a preliminary preparation for teaching Physics. Lectures, five hours a week; laboratory, two hours a week: two terms.

Chemistry

Courses I, II, VI, VII, VIII, IX. See page 255.

Courses III and IV. GENERAL CHEMISTRY: Primarily for students of Philosophy preparing for advanced work in chemistry. Lectures, three hours a week; laboratory, three hours a week. In the lectures descriptive inorganic and organic chemistry are presented, together with a thorough discussion of the fundamental principles of the science and their application. The laboratory work consists of experiments and preparations of such a nature as to give the student an experimental knowledge of the subject-matter of the lectures. Two terms. Prerequisite: Course II.

Course V. QUALITATIVE ANALYSIS: Introductory: Five hours a week: one term. Elective. Prerequisite: Course I or III.

Geology

A general survey of the science. Two hours a week: one term.

Astronomy

A descriptive course dealing with fundamental facts, principles and methods. Two hours a week: one term.

Biology

Courses I and II. See page 258.

College of Arts and Sciences

College of Arts and Sciences

Officers

REV. BERNARD J. OTTING, S. J.,
President of the University.

REV. PATRICK J. PHILLIPS, S. J.,
Vice-President and Dean of College of Arts and Sciences.

REV. HENRY A. HERMANS, S. J.,
Prefect of Discipline.

REV. HERMAN MEINERS, S. J.,
Treasurer.

Introductory Statement

Scope

The purpose of St. Louis University in its Undergraduate Department is to educate in the completest sense, that is, to develop fully and harmoniously the faculties of the whole man—intellectual, moral and physical. It assumes that on this harmonious development will depend the character of the students and the measure of their future utility to themselves and to the community; and it aims to give that solid training of both mind and heart which will make for this development and will fit the student for the just interpretation and use of life.

In the **intellectual training** of its undergraduate students the institution aims at laying a solid foundation in the elements of knowledge and at opening the mind to a generous share in the culture of life. For this reason the studies are chosen each for its distinct and peculiar educational value and as a part in a complete and nicely adjusted system. The studies are so graded and classified as to be adapted to the mental growth of the student and to his orderly acquisition of knowledge.

It is one of the decided advantages of the system followed in the University that the student in the Classical, Scientific or English Course may begin his studies in the High School, and then pass on through the college course to graduation in the same institution. This secures, besides the moral influence thus gained, a uniform and homogeneous course of teaching and of training. The result of such a course of study is a continuous and normal development of the mental faculties along well defined lines, and the possession of a clear and coherent system of principles upon which any special course may afterwards safely rest.

In its **moral training** the University aims at building the conscience of its students for the right fulfillment of their civil,

social and religious duties. There is insistence on the cultivation of the Christian virtues which operate for this fulfillment; and, as the only solid basis of virtue and morality, thorough instruction in the principles of religion forms an essential part of the system. Students of any denomination are admitted to the courses, and all are required to show a respectful demeanor during the ordinary exercises of public prayer; but the Catholic students are required to attend the classes in Christian doctrine, to be present at the chapel exercises, to make an annual retreat, and to approach the sacraments at least once a month.

High Schools

The better to secure the results aimed at in its educational work, and to arrange a more perfect co-ordination between High School and Collegiate studies, the University has deemed it advisable to maintain a closely affiliated system of High Schools. Their purpose is to fit their pupils to meet the College entrance requirements by offering a programme of studies based upon those fundamental principles and methods which, in the judgment of the Faculty, underlie alike the work of the High School and the College. At present these schools number three: the Academy of St. Louis University, situated at No. 215 N. Grand avenue; Loyola Hall, Compton and Eads avenue. Catalogues, containing the Course of Studies and other information, may be had on application to the respective Head Masters.

English Commercial Course

At the request of patrons of the Institution a Commercial Course was established in the Academy of St. Louis University, situated at No. 215 N. Grand avenue. The purpose of this Course is to impart a solid general education, together with the special instruction proper to a Commercial High School. The ultimate development of the English Commercial Course has been realized in the graduate School of Commerce and Finance.

Entrance Requirements

All applicants for admission must present evidence of good moral character and, if they come from another school, a certificate of honorable dismissal.

ADMISSION BY CERTIFICATE. A certificate from the Principal of the High School in which a student has been prepared for College will be accepted instead of examinations in the subjects offered for admission, provided only it is made clear to the Dean of the Arts Department of the University that such school is not of a lower grade than the High Schools under the direct supervision of St. Louis University.

ADMISSION BY EXAMINATION. An applicant without a High School certificate will be required to pass a satisfactory examination in the required subjects for any course he intends to pursue and in such other subjects from the list of electives as he may present for entrance. The following is a general outline of matter for examination for those who would wish to enter the A. B. Course without a certificate from a standard High School:

LATIN. Authors: Caesar's Gallic War, four books; Nepos' Lives (6) may be taken in place of two books of Caesar; Cicero's Orations against Catiline, for Archias and the Manilian Law; Cicero's De Senectute and Sallust's Catiline or Jugurthine War may be taken as substitutes for three of the above orations; Virgil, four books of the Aeneid or their equivalent from the Eclogues, Georgics and Ovid's Metamorphoses.

Grammar and Composition: The examination in Grammar and Composition will require a thorough knowledge of the whole Latin grammar, together with such facility in writing Latin prose as is acquired by one who satisfactorily completes the course of exercises prescribed by St. Louis University High School. This course is based on Arnold's Latin Composition, for which see catalogue of St. Louis University High School.

GREEK. *Authors:* Xenophon's *Anabasis*, four books or their equivalent; Homer's *Iliad* or *Odyssey*, one book.

Grammar and Composition: The examination in Grammar will require a thorough knowledge of etymology of the syntax of cases, the rules of concord and prepositions, the syntax of the verb. The theme will be based on Xenophon and will test the candidate's ability to translate into Greek simple sentences, with special reference to the use of forms, particularly of the irregular verbs and the common rules of syntax.

ENGLISH. *Texts Prescribed for Reading and Study:* Two plays of Shakespeare, Burke's *Conciliation with the Colonies* or *American Taxation*; Irving's *Sketch Book*; one essay of Macaulay; Scott's *Lady of the Lake*; Goldsmith's *Deserted Village*; Tennyson's *The Passing of Arthur*; Lowell's *Vision of Sir Launfal*; Coleridge's *Ancient Mariner*.

The applicant should make himself familiar with the characters, the plot, incidents and characteristic diction of each work. Equivalents will be accepted.

Rhetoric and Composition: The applicant will be examined on the principles of rhetoric as set forth in Thorndike's *Elements of Rhetoric*, or in a work of equal standing. The composition will test the candidate's ability to write clear, idiomatic English. The subject will be taken from his experience and observation, or from the books he presents for examination. The spelling and punctuation must be correct, the sentences well constructed. The writer must show some discrimination in the choice of words and ability to construct well-ordered paragraphs.

MATHEMATICS. Algebra to Indeterminate Equations (included). Plane Geometry.

HISTORY. Greek and Roman History to the Fifth Century A. D.; History of the United States; Modern History; Migrations of Nations to Renaissance.

CIVICS. Garner's Government in United States.

PHYSICS. Author: Millikan and Gale's First Course in Physics or an equivalent. Familiarity with the more elementary principles of mechanics, heat, sound, light, electricity, and magnetism, will be expected. Laboratory work should show proficiency in making exact measurements, care in making and recording observations, and accuracy in calculation. No credit will be given for laboratory work unless the original note book of the student be presented.

CHEMISTRY. Applicants may offer Chemistry as a substitute for Physics. The examination will cover matter equivalent to that taken by students in a two semester course in a standard High School. No credit will be given unless laboratory work has accompanied the study of the theory.

REQUIREMENTS FOR THE OTHER COURSES. Those who wish to enter any other course which the College of Arts offers must present a certificate from a standard High School. An applicant without a certificate should be prepared to pass satisfactory examinations in all required and elective subjects for entrance to the course he intends to pursue.

This outline of matter is practically the same for those entering other courses, save in this that the applicant may ask for examinations in the Modern instead of the Ancient Languages.

Detailed Statement of Requirements for Admission

All candidates for the Bachelor's degree must present entrance credits amounting to sixteen units. A unit represents a year's study in a high school subject pursued four or five times a week.

The required units for admission to the several courses are as follows:

A. B. COURSE

Latin	4 units	Ancient History	1 unit
Greek	3 units*	Modern History	1 unit
English	3 units	Science	1 unit
Algebra	1 unit	Elective	1 unit
Geometry... ..	1 unit		

B. S. COURSE

English	3 units	Ancient History	1 unit
Foreign Languages ...	2 units	Science	2 units
Mathematics	3 units	Elective	5 units

LITT. B. and PH. B. COURSES

English	3 units	Mathematics	2 units
Foreign	3 units	Ancient History	1 unit
(All in one lan-		Modern History	1 unit
guage or two in		U. S. History and	
one language		Civics	1 unit
and one in an-		Science	1 unit
other.)		Elective	4 units

*Applicants who can satisfy all the other entrance requirements may be admitted with conditions in Greek, which must be removed within one year from the time of entrance. An elementary Greek class will be organized for this purpose.

ELECTIVE UNITS. The elective subjects that may be presented to complete the required sixteen units must be taken from the following list:

English Literature	1	unit
Modern Language	2	units
Foreign Language	2	units
Biology	1	unit
Chemistry	1	unit
Algebra (intermediate)	$\frac{1}{2}$	unit
Trigonometry	$\frac{1}{2}$	unit
Solid Geometry	$\frac{1}{2}$	unit
Physical Geography	1	unit
American History	1	unit
English History	1	unit

General Statement of Requirements for Degrees

The conditions for the Baccalaureate degrees, A. B., B. S., Litt. B., Ph. B., are the following:

1. The completion of the four years' course leading to the degree for which the student is a candidate.
2. A written thesis approved by the Dean of the College and presented at least four weeks before graduation.
3. All work to be accepted in fulfillment of any requirement for the degree must be completed with a grade above 70.
4. A fee of \$10.00 payable in advance.

Requirements for the A. M. Degree:

1. The candidate must have an A. B. degree from an institution of good standing and must devote one year exclusively to resident graduate study. Two years—eight months of which must be in residence—will be required if the candidate's whole time is not devoted to study.
2. The work must be done in one or two departments, and must ordinarily embrace one principal and one or two second-

ary subjects. It must involve concentrated work in some special field of study in such subjects as Philosophy, History, Economics, Law, Classics, English, Mathematics, Physics, Chemistry, Biology. Advanced courses given in the professional schools of St. Louis University will be accepted in partial fulfillment of requirements for the A. M. degree, but under no circumstances may a candidate count these same courses toward a professional degree.

3. The candidate must pass a satisfactory examination in all the subjects studied.

4. He must present a typewritten or printed thesis in his major subject.

5. A fee of \$10.00 is to be paid in advance.

The degree of Master of Science, M. S., is conferred under the same conditions as above when the major subject of study has been scientific.

Requirements for the degree of Doctor of Philosophy—Ph. D.:

The degree is conferred on one who, having previously received the Bachelor's degree from an institution of good standing, satisfies the following requirements:

1. At least three years of resident graduate work in pursuance of an accepted course of study. The course in question must include one principal and one or two secondary subjects. A reading knowledge of French and German is a prerequisite.

2. A satisfactory examination upon the work done in preparation for the degree.

3. The presentation of a satisfactory printed thesis.

4. Such knowledge of subjects considered fundamental as may be prescribed by the several departments. For further information address the Vice-President of the University.

General Statement of the Course of Study for the Degree of A. B.

All candidates for the degree of Bachelor of Arts must before graduation complete forty semester courses,* which shall include two years of college Greek, three years of college Latin, three years of English, two years of Science in the group Physics, Chemistry, Biology, Geology, Astronomy, one year of History, one year of Mathematics, and two years of Philosophy. In addition, the candidate must do the prescribed work in Public Speaking, and, unless he can give evidence that he possesses a reading knowledge of French or German he must take a two years' course in one of these languages. Catholic students, moreover, will be required to take every year a course in Evidences of the Christian Religion, two hours a week, which if pursued for two years, will be accepted in satisfaction of two semester courses.

The rest of the studies are elective in this sense that the student who wishes to pursue technical or professional courses after or even before graduation will be given full opportunity to take those studies that will best prepare him for such courses and be allowed full liberty, under proper advice, to arrange his work according to the outline of studies given below. Under certain circumstances he may be allowed to drop one of the subjects there prescribed in favor of an elective, with the approval of the committee on electives. In case the student gives no such notice of wishing to prepare for professional studies, he will be required to follow certain specified courses in Political Economy, History of Philosophy, Geology and Astronomy. Any candidate, if found deficient in English, shall besides his other required work, take such courses as will be prescribed for him by the department of English.

*A semester course is a subject taken at least 3 times a week for one semester.

Schedule for the A. B. Course

FRESHMAN YEAR.

The object of this class is the cultivation, in a special manner, of literary taste and style, which is to be effected chiefly by the study of the best poets and prose writers. The Greek and Latin classics are studied for this purpose, together with such English writers as are noted for the highest qualities of literary substance and form. Special emphasis is laid on the study of poetry. Moreover, in this class, as in the others of the course, the literary work is supplemented by that training in Mathematics and Science, which is required by a liberal education.

The prescribed studies are Latin, I and II*; Greek, I and II; English, I and II; Mathematics, I and II, and either Chemistry, I and II, or Biology, I and II. A student who enters with four units in Mathematics will not be required to take this subject in college. He may anticipate some other course. One who enters without Physics or without Chemistry will have to take that subject in Freshman year.

SOPHOMORE YEAR.

The work of this year centers on the study of Oratory and Historical Composition. The nature and types of oratory, principles of argumentation, the nature and requirements of historical writing are thoroughly investigated—the best models, ancient and modern, forming the subject-matter of study. Thus, while perfecting literary taste, the class is intended to develop that grasp and perspective of structure without which composition on a large scale is impossible.

The required studies are Latin, III and IV; Greek, III and IV; English, III and IV; History, III and IV, and one subject from the following: A Modern Language, Mathematics,

*See subject in the Outline of College Courses beginning on Page 244. The Roman numeral refers to the number of the course under the subject indicated.

III and IV, a Science (Physics, I and II; Chemistry, V and VI; Biology, I and II; Geology, I and II; Astronomy, I), Drawing, I and II; Descriptive Geometry, III and IV. A student who has no reading knowledge of French or German, will have to take either of these languages for two years during the remainder of his college course. A second Science must be taken in either Sophomore or Junior or Senior year, unless full credits for both Physics and Chemistry have been presented at entrance.

JUNIOR YEAR.

The object of this class is to form the mind to habits of correct reasoning and to impart sound principles of philosophy. Logic, Rational Philosophy—being, causality, the nature of matter, the human soul, its nature, origin, operation, etc.—are the chief subjects of study. The additional training received from the study of the history of Philosophy and various literary topics is by no means neglected.

In Junior year every student must take Logic, I, and Ontology, II, in the Department of Philosophy; Latin, V and VI, and English, V and VI, and two subjects from the following: Mathematics, III and IV; Greek, V and VI; German, I and II; French, I and II, a Science (Physics, I and II or VI; Chemistry, I and II or VI; Biology, I and II; Geology, I and II; Astronomy, I), History, V and VIII; History of Philosophy, IX.

SENIOR YEAR.

The study of Philosophy is continued this year in courses on the three important subjects of Psychology, Natural Theology and Ethics. These courses, treating of the existence of God, the origin of Moral Obligation, the Natural Law, Duties and Rights, the Origin and Nature of the Soul, etc., form the crowning work of a liberal education. Their aim is to teach sound principles of conduct, to give the students clear ideas

on the purpose and destiny of man, and on the problems of life and their solution, as furnished by ethical principles.

Every Senior is required to take Psychology, III, and Natural Theology, IV, and Ethics, V and VI, in the Department of Philosophy, and select three more subjects from the list of Junior electives, to which are added Political Economy, VII and VIII; in the Department of Philosophy, English, VII and VIII, and Pedagogy.

General Statement of the Course Leading to the Degree of Bachelor of Science

The Course leading to the degree of Bachelor of Science is open to those who, entering without Latin or Greek, or not wishing to continue these subjects, follow the outline of studies given below. They must complete forty semester courses exclusive of the prescribed work in Public Speaking. Catholic students must also take every year a course in Evidences of Religion, of from one to two hours, which, if pursued for two years, will be accepted in fulfillment of two semester courses. Every student must take five courses, each course consisting of not less than three hours a week, and he must in Junior and Senior years complete six semester courses in one or two closely allied sciences. The course is so arranged as to give, especially in the Freshman and Sophomore years, a broad training in the fundamental studies necessary for future success in scientific work, that is, in English, in Physics and Chemistry, in college Mathematics, in Logic and Philosophy, and in Modern Languages. Many Electives are offered in Junior and Senior years. In choosing from them the student must be guided by his prospective future work.

FRESHMAN YEAR.

The required studies are English, I and II; Mathematics, I and II; a Modern Language, I and II; Chemistry, I and II, and either Mechanical Drawing, I and II; Descriptive Geometry, I and II; Biology, I and II, or a second Modern Language.

SOPHOMORE YEAR.

The Sophomore student must take English, III and IV, a Modern Language, III and IV, (The one begun in Freshman continued) Physics, I and II; History, III and IV, and one subject from the following: Mathematics, III and IV; Drawing, I and II; Descriptive Geometry, I and II; Qualitative Analysis, V and VI; Biology, a second Modern Language, III and IV.

JUNIOR YEAR.

The prescribed studies are English, V and VI; Logic, I, and Ontology, II, in the Department of Philosophy, and three subjects from the following: Advanced Physics, VI; Quantitative Analysis, VIII; Analysis, Organic Chemistry, IX; Physical Chemistry, X; General Biology, I and II; Geology, I and II; Astronomy, I, any Elective of the Sophomore Year.

SENIOR YEAR.

The prescribed subjects are Ethics, V and VI, and Psychology, III, and Natural Theology, IV, in the Department of Philosophy. Moreover, the student must continue one subject taken in Junior Year and select two from the following: English, VII and VIII; Political Economy, VII and VIII, any Elective of Sophomore or Junior Year.

Outline of Studies for the Litt. B. Degree

FRESHMAN

The prescribed subjects are: English, I and II; Mathematics, I and II; Foreign Languages, I and II; Chemistry, I and II. The student must choose one subject from the following: A second Modern Language, I and II; Mechanical Drawing, I and II; Descriptive Geometry, I.

SOPHOMORE YEAR.

The prescribed subjects are: English, III and IV; Foreign Language; History, III and IV; Physics, I and II, and one from the following: A Science, Mathematics, History of English Literature or any Elective of Freshman Year.

JUNIOR.

The required subjects are: English, V and VI; Logic, I, and Ontology, II, in the Department of Philosophy, one Foreign Language. Two electives from the following: History, VII and VIII; Geology, I and II; Astronomy, I; Pedagogy. Any elective of Sophomore Year.

SENIOR.

The required subjects are: Ethics, V and VI; Psychology, III, and Natural Theology, IV, in the Department of Philosophy. Three electives from the following: English, VII and VIII; Political Economy, VII and VIII, any Elective of Sophomore or Junior Year.

The requirements for the degree of Bachelor of Science in Medicine are given on page 80.

For the degree of Bachelor of Philosophy see statement on page 70 concerning this degree.

Operation

EXAMINATIONS. Examinations are held in all classes except Senior at the end of each quarter. Senior examinations are held at the end of each semester. The semester examinations in January and June cover all the matter of the preceding half year.

CLASS STANDING. The student's progress is indicated by the combined results of his examinations and class work. Classwork is the record of the student's attendance and of his satisfactory work during recitation periods. Each subject is estimated on the basis of 100%. An average below 75% is unsatisfactory; 70% is the Passing mark; 50% is a Failure and from 50% to 69% inclusive is reckoned a "Condition." One who fails in a Semester examination must repeat the subject of his failure; one who is "conditioned" is allowed to take another examination on the day appointed by the Dean. If "conditioned" examinations are not passed successfully on this date they become failures.

PROMOTIONS. Promotions to a higher grade are regularly made at the beginning of the Academic year but they will be made at any time when the student's progress justifies them. The examinations at the end of each semester are decisive for promotion.

General Regulations

1. **ATTENDANCE.** As regular attendance is an important element in class standing and an essential condition for successful work, students must not be detained or withdrawn from classes except for very grave reasons. For absence, for tardiness, or for permission to withdraw before the close of the daily session, a note from the parent or guardian will invariably be required. Mere absence does not excuse a student from the obligation of preparing his ordinary recitations or relieve him from any part of his examinations. Frequent absence or tardiness, except on account of sickness, is sufficient cause for dismissal.

2. **HOME STUDY.** All the endeavors of the Faculty will fail to insure success for the students unless they apply themselves to their studies with diligence and constancy outside of class hours. Approximately twenty hours each week are spent in classwork; and to prepare the recitations and exercises for this work, as well as to review the matter previously seen, at least three hours of home study daily are required. Parents and guardians are, therefore, respectfully urged to insist on this application.

3. **COMMUNICATIONS.** Due notice should be given to the President or to the Vice-President of a change of residence, or the contemplated withdrawal of a student.

Honors and Prizes

HONORS. As the examinations are competitive, the combined examination and classwork record is publicly proclaimed in the Quarterly Assemblies at which all the students must be present. Honors and prizes at the close of the year are determined by the combined results of the classwork and examina-

tions of the student. A student who fails in any subject at the semester examinations is thereby disqualified from all honors. One who fails in either of the other two Quarterly examinations is barred from honors at the Quarterly Assembly immediately following. Those whose average is 90% and upward merit the distinction of First Honors, and those whose average is between 85% and 90%, Second Honors.

Special Prizes

INTERCOLLEGIATE ENGLISH PRIZE.—A purse of \$100.00 (\$50 for the first prize, \$20 for the second, \$15 for the third, \$10 for the fourth and \$5 for the fifth) is offered yearly by Mr. D. F. Bremner, of Chicago, for excellence in English essay writing. The purse is open to competition of the Jesuit Colleges of the Missouri Province, which are:

St. Louis University, St. Louis, Mo.
St. Xavier College, Cincinnati, O.
St. Ignatius College, Chicago, Ill.
St. Mary's College, St. Mary's, Kas.
Creighton University, Omaha, Neb.
University of Detroit, Detroit, Mich.
Marquette University, Milwaukee, Wis.
St. John's College, Belize, British Honduras.
St. Ignatius College, Cleveland, O.
St. John's College, Toledo, O.
Campion College, Prairie du Chien, Wis.

INTERCOLLEGIATE LATIN PRIZE.—For the best Latin essay for competitors of the same colleges, a gold medal is offered by Very Rev. Alexander J. Burrowes, S. J., Provincial.

GILFILLAN CATECHETICAL MEDAL.—A gold medal for the best catechetical essay is offered by Rev. Francis Gilfillan, S. T. L., Rector of the New Cathedral Chapel, St. Louis.

MOSER ORATORICAL MEDAL.—A gold medal for the best oration is offered by Mr. Leo Moser, St. Louis.

SHEA LATIN MEDAL.—A gold medal for the best Latin essay by a member of the Undergraduate Department is offered by Rev. E. J. Shea, Rector of the Immaculate Conception Church, St. Louis.

BYRNES PHILOSOPHICAL MEDAL.—A gold medal for the best philosophical essay is offered by Mr. James W. Byrnes, A. B., St. Louis.

CHURCH ELOCUTION MEDALS.—A gold medal for the successful contestants in the Collegiate and Academic Public Elocution contests is offered by Mrs. Alonzo C. Church, St. Louis, in memory of the late Mr. Alonzo C. Church.

TANNRATH PHILOSOPHY MEDAL.—A gold medal for Highest Honors in Junior Class of Philosophy is offered by Rev. John J. Tannrath, Rector of St. Agnes' Church, St. Louis.

MCCARTHY SHORT STORY MEDAL.—A gold medal for the best short story published in a current magazine by a student in the Classical Course of the College of Arts, is offered by Mr. Leo D. McCarthy, St. Louis.

SCANLAN COLLEGIATE MEDAL.—A gold medal for Highest Honors in Sophomore Class is offered by Philip J. Scanlan, St. Louis.

WALSH COLLEGIATE MEDAL.—A gold medal for Highest Honors in Freshman Class is offered by Mr. Edward J. Walsh, St. Louis.

GRIESEDIECK COMMERCIAL MEDAL.—A gold medal for Highest Honors in the English Commercial Course is offered by Mr. Henry Griesedieck, St. Louis.

BENOIST ACADEMIC MEDAL.—A gold medal for Highest Honors in Third Year High is offered by Mr. Howard Benoist, St. Louis.

WADE ACADEMIC MEDAL.—A gold medal for Highest Honors in Second Year High is offered by Mr. Festus J. Wade, St. Louis.

NUGENT ACADEMIC MEDAL.—A gold medal for Highest Honors in First Year High is offered by Mr. Daniel C. Nugent.

WILSON ACADEMIC MEDAL.—A gold medal for Highest Honors in Special Class is offered by Mr. George W. Wilson, St. Louis.

Scholarships

In the **Collegiate Department** an Annual Scholarship is provided by the donation of \$80.00. A permanent scholarship which entitles the founder at all times to keep one scholar, designated by him and acceptable to the Faculty, free at the University, is founded by the gift of \$2,000. If the founder fails to name an incumbent, the scholarship will be conferred at the discretion of the Faculty.

The James J. Butler Scholarships. The sum of \$5,000 was donated by Mrs. James J. Butler in memory of Mr. James J. Butler, to found permanent Scholarships in the Classical Course. The beneficiaries of these scholarships are to be designed by the Faculty of the University.

The Peter K. Lanahan Scholarships. Mr. Thomas W. Lanahan, who had already founded a permanent scholarship in the Classical Course in memory of his brother Peter K. Lanahan, has donated the sum of \$1,000 towards founding a second scholarship.

The William J. Cornet Scholarships. In accordance with the wishes of Mr. William J. Cornet, A. B., '93, the family of the deceased has founded two permanent scholarships in the Classical Course, the beneficiaries of the same to be designated by the Faculty of the University.

The Rev. Charles Sweeney Scholarships. Two annual scholarships were donated by the Reverend Charles Sweeney, Pastor of St. Patrick's Church, East St. Louis, Ill.

The sum of \$350 was donated by Mr. William J. Tracy to aid in the education of a youth with a vocation to the Priesthood.

Annual Scholarships

An annual scholarship was offered by the St. Ann's Sodality of the College Church, by the Children of Mary of the College Church, by Miss Mary E. Lynch, by a friend of St. Xavier's Parish, by a friend of St. Xavier's Parish. by Miss Smith.

Expenses

As the institution is not endowed, it is entirely dependent for its support on the fees paid for tuition.

Matriculation Fee (paid but once).....	\$ 5.00
COLLEGE: Tuition, for all classes ten months.....	80.00
Physics, lecture-room and laboratory fee.....	15.00
Chemistry, lecture-room and laboratory fee...	15.00
Biology, lecture-room and laboratory fee.....	15.00
Mechanical Drawing	15.00
Diplomas for Graduates in the Collegiate, Scientific and Graduate courses.....	10.00
Conditioned examinations, each.....	1.00
Conditioned examinations, if taken on any other than the day assigned, each.....	2.00

Moreover, a deposit of \$5.00 is required of each student in the Physics Class, to cover breakage or loss of articles used in the laboratories. This amount, less the cost of the above items, will be returned to each student at the end of the session.

When possible the loss or breakage of articles in the laboratories is charged to the student who is responsible; but in some cases it may be divided among a class or group of students if the Vice-President considers such procedure just. The purpose is to make every student a guardian of the property used in the laboratory.

Payments for conditioned examinations must be made invariably before the examinations. Payments for tuition (etc.) must be made quarterly or semi-annually in advance. The account for tuition dates from the day of the student's entrance. No deduction is allowed for absence, except in case of dismissal or protracted illness. The session is divided into quarters, beginning respectively on the opening day of the academic year, the 15th of November, the 1st of February, and the 15th of April.

Outline of College Course

The University reserves the right to refuse to give a course for which there is not a sufficient number of applicants.

Philosophy

Course I.—A. Dialectics.

The Province of Logic, Formal and Material. The Foundations of Logic. The Principles of Contradiction, Identity, Causation, Excluded middle. Simple apprehension; modern errors. Universal ideas. Propositions: their nature and division. Opposition and Conversion. Reasoning. The Syllogism and its Laws. Formal and Material Induction. Fallacies.

B. First Principles of Knowledge. Applied Logic.

The nature of Certitude; kinds and degrees. Truth. Universal skepticism. Cartesian doubt. Criterion of Certitude; Objective Evidence. Trustworthiness of the Senses and Intellectual Powers. Objectivity of Ideas. Belief on Human and Divine Testimony.

Five hours a week. One semester.

Course II.—A. General Metaphysics.

The concept of being. Essence and existence. Possible being. The Positivist school. Transcendentalism. Attributes of being: Unity, Truth, Goodness. Substance and accident. Personality. Quality. Relation. Principle and cause. The principle of causality. Perfection of being. Infinity. Necessity. Order and Beauty.

B. Cosmology.

Creation. Pantheism. General principles. Ancient and Modern Pantheists. Purposes and perfection of the Universe. Laws of Nature. Miracles. Occult Power. Spiritism. Hypnotism. Constitution of bodies. Atomism. Dynamism. Vortex theory. Properties of Matter. Time and space.

Five hours a week. One semester.

Course III.—Psychology.

Life. Vegetative, Animal, Intellectual. Organic bodies essentially different from inorganic. Life. Protoplasm. Vital principle, distinct from physical and chemical forces. Animals sentient, not rational. Instinct. Natural selection. Rational life. Essential difference between sense and reason.

The Soul. A simple, spiritual substance. False theories of the Ego. Monistic theories. Individuality. Unity. Identity of the principle of the vegetative, sentient and rational life in man. Union of soul and body. Occasionalism. Scholastic doctrine. Locus of the soul. Localization of cerebral functions. Time of origin. Origin of the soul. Creationist doctrine. False theories. Neo-Scholastic doctrine. Theory of Evolution.

Origin of Ideas. The intellect and brain. Universal and abstract concepts. Innate ideas. Empiricism, Ontologism, Associationism. The Schoolmen. Doctrine of St. Thomas. Attention. Reflection. The soul's consciousness of itself. Sensation. Perception. Psychophysics. The imagination. Estimative faculty. Sensuous appetite and locomotion. Voluntary, automatic, reflex, impulsive movements. Feeling.

Rational Appetency. The human will. Desire and volition. Spontaneous and deliberate action. Choice. Self-control. Free will and determination. Fatalism. The emotions. Hypnotism.

Three hours a week. One semester.

Course IV. Natural Theology.

The Existence of God. Method of proof. Ontologism. Traditionalism. The "Ontological Proof" of St. Anselm. Metaphysical, Cosmological, Moral arguments. Atheism. Agnosticism; its religious and moral consequences. The Physical and Metaphysical Essence of God. Infinite perfection. Unity of God. Pantheism. Anthropomorphism. Immortality, Eternity and Immensity of God. The Divine Intellect and Knowledge. The Free Will and Omnipotence of God. God creating, preserving, concurring with creatures. Divine Providence.

Three hours a week. One semester.

Course V. Ethics.

General Ethics. Nature, object, necessity of Ethics. Fundamental principles. False theories. The ultimate end of man. Use of the present life. Human acts. Merit and accountability. Virtue and vice. Nature of morality. Standards of morality. Hedonism and Utilitarianism. The moral sense. Determinants of morality. Law. The Eternal Law. The Natural Law; its properties and sanction. Origin of moral obligation. False theories. Conscience.

Three hours a week. One semester.

Course VI. Ethics (Continued)

Special Ethics. Rights and duties. Worship of God. Obligations of accepting Divine Revelation. Rationalism. Indifferentism. Suicide. Self-defense. Homicide; Lying and mental reservation.

Right of ownership. Communism. Socialism. Single Tax. Modes of acquiring property. Contracts. Relations of Capital and Labor. Employers' Unions. Trade Unions. Strikes.

Society in general. The family. Divine institution, unity and indissolubility of marriage. Parental authority. Education. Civil society; its nature, end and origin. False theories. Forms of civil government. Citizenship. Universal suffrage. Functions of civil government; legislative, judiciary, executive. Taxation. Death penalty. Freedom of worship. Freedom of the press.

International law. Foundations of international law. Mutual relations of nations. Right of commerce. Intervention. Rights of neutrals. War and arbitration.

Three hours a week. One semester.

Course VII. General Economics.

Production. Increasing and diminishing returns. The Advantages and Drawbacks of Industrial Organization. Locality and Dimensions of Industry. Consumption. Markets and Prices. Differential Gains. International Trade.

Three hours a week. One semester.

Course VIII. General Economics (Continued)

Money and Coinage. Credit and Banking. Foreign Exchange. Profits: interest and wages. Mistaken Theories on Riches. Trade Unions. Employers' Liability. Taxation. This Course gives a general view of the whole field of Economics.

Three hours a week. One semester.

Text-Books and References. Clarke, Maher, Rickaby, Boedder, S. J. (Stonyhurst Series); Russo, Jouin, Hill, Coppins, Liberatore, Poland, Gruender, Lahousse, Harper, Devas' Political Economy, Thein's Christian Anthropology, Cathrein.

Latin

NOTE.—The courses in Latin, Greek and English are, for greater educative effect, made parallel as much as possible. The theory of the different forms of literature is presented in the English courses, and the classic masterpieces studied in the Latin and Greek course furnish illustrative material to enforce the precepts and for comparative work. Poetry, with its various forms, is the subject of Freshman year; Oratory, of Sophomore; the Drama, of Junior; the Critical and Philosophical essay, of Senior.

Course I. Latin.

Precepts: A thorough review of Latin Prosody and versification.

Authors: Horace, "Ars Poetica"; Virgil, "Aeneid," Books III, V and VI.

Four hours a week. One semester.

Course II. Latin. Livy, Book XXI. (2300 lines)

Sight-Reading: Selections from Christian Hymnology; Livy.

Four hours a week. One semester.

Practice: BOTH SEMESTERS. Practical Course in Latin Composition. Two themes a week. A theme in imitation of the prose authors studied, about every fortnight.

Memory: From the authors read in class.

Course III. Latin.**Authors:** Cicero, Pro Milone; Horace, Select Odes.

Four hours a week. One semester.

Course IV. Latin. Horace, Epodes, Epistles and Satires; Tacitus, Agricola.**Sight-Reading:** Selections from the authors assigned above. Tacitus, Germania or Annals. Selections from the Latin Fathers.

Four hours a week. One semester.

Practice: BOTH SEMESTERS. Bradley's Aids, selections from Part II, from Exercise 50 to end of book. Two themes a week. One composition every fortnight in imitation of the author studied. Off-hand translation from English into Latin.**Memory:** Select passages from the authors read.**Course V. Latin.****Authors:** Cicero, Quaestiones Tusculanae; Plautus, Duo Captivi.

Three hours a week. One semester.

Course VI. Latin.

Cicero, Quaestiones Tusculanae, continued; Pliny, Letters; Juvenal, Selections; Selections from the Latin Fathers.

Three hours a week. One semester.

History of Latin Literature (Mackail, for reference): both semesters.

Practice: Essays in Latin—Bradley's Aids.**Greek*****Course I. Greek.****Precepts:** The Syntax of the verb repeated; general rules of quantity; the Homeric Dialect; a brief sketch of Greek Epic and Lyric Poetry.**Authors:** Homer, Iliad, Books II-VI.

Four hours a week. One semester.

*See note on page 247.

Course II. Greek. Plato, Apology and Crito.

Sight-Reading: The New Testament or selections from the authors read in class.

Four hours a week. One semester.

Practice: BOTH SEMESTERS. A written theme once a week, based on the authors studied and illustrating the syntax of Attic Greek. Frequent written reviews done in class.

Course III. Greek.

Authors: Demosthenes, Philippic I or III; analysis of Philippic I or III; selections from "On the Crown."

Four hours a week. One semester.

Course IV. Greek.

Selections from Demosthenes On the Crown, with detailed analysis. Sophocles, Antigones, Oedipus Tyrannus or Oedipus Coloneus.

Sight-Reading: The New Testament or St. Chrysostom, Eutropius, or St. Basil.

Four hours a week. One Semester.

Practice. BOTH SEMESTERS. Easy themes built on sentences in the text, once a week. Frequent written reviews.

Courses V and VI. Greek.

Authors: Plato, Phaedo—analysis; Keep's Stories from Herodotus; Aeschylus, Prometheus Bound or Agamemnon.

Three hours a week. Two Semesters.

English*

Courses I and II. English.

Precepts: Literary Aesthetics: Theory of the Beautiful, of the Sublime; Taste; Imagination; Theory of Literature. Poetics: Nature and kinds of poetry; elements of poetic Substance and Form; characteristics of Lyric and Epic poetry. Fiction: Constructive principles of story-writing; elements of fiction, viz., plot, character, situation, purpose; Realism and Romanticism in Fiction; development of the English novel.

*See note on page 247.

Text-Book: Coppens' Introduction with Professor's Notes.

Text for Study: Newman's Lecture on Literature and Essay on Aristotle's Poetics; Selections from Newman, Ruskin, DeQuincey, Milton, Coleridge, Wordsworth, Keats, Tennyson, De Vere.

English Literature and Criticism: Anglo-Saxon, Semi-Saxon, Old English and Middle English Periods; The Elizabethan Age; The Transition Period; The Classical Age.

Text-Book: Jenkins' Handbook of English Literature.

Practice: One composition a week on subjects chiefly literary.

Three hours a week. Two Semesters.

Courses III and IV. English.

Precepts: Oratory: Nature and types of oratory; division of the oration; style in Public Speaking; methods of oratorical composition; principles of argumentation.

History: Principles of historical composition; ethical requirements of history; representative English and American historians.

Text-Book: Coppens' Art of Oratorical Composition and Coppens' Introduction.

Text for Study: Burke's Speech on American Taxation and Address to the Electors of Bristol; Webster's Reply to Hayne and Speech in the Knapp Trial, Commemorative Address on Adams and Jefferson; Newman's Second Spring.

English Literature and Criticism: The Romantic School of the Nineteenth Century; American Literature.

Practice: One composition a week. Analysis and criticism of speeches.

Three hours a week. Two Semesters.

Courses V and VI. English.

Precepts: The Drama: Laws and technique; theory of the Tragic; of the Comic.

Text for Study: Shakespeare's Plays: Interpretation; critical and comparative study.

Practice: One composition a week or every fortnight. Essays, critical and philosophical.

Three hours a week. Two Semesters.

Courses VII and VIII. English.

Precepts: Theory of Expository Writing; the Critical and Philosophical Essay—stylistic and structural requirements; historical development of the English Essay.

Texts for Study: Essays of Macaulay, Newman, Brownson, Archbishop Spalding, etc. Analysis and comparative study of essays, with the emphasis laid on substance and structural organization.

Practice: One composition a week or every fortnight. Subjects chiefly critical and philosophical.

Three hours a week. Two Semesters.

Practical Oratory and Debating

Courses I and II.

The object of the course is to train students to readiness and fluency in public speaking. To this end it is conducted according to strict parliamentary practice. The literary and oratorical exercises are always under the direct supervision of a member of the Faculty. They are as follows:

Declamation and Elocutionary Reading. Criticism and discussion of interpretation and delivery. Composition and reading of stories, poems and essays, historical, critical, or personal. Set orations illustrative of the precepts for oratorical composition. Extempore speaking. The theory and practice of parliamentary law. Debates.

Two hours a week. Two Semesters.

Evidences of Religion

Course I. Evidences of Religion.

The Church as a means of salvation. The last things. The Christian's duties towards God. Faith, Hope and Charity.

Two hours a week. One Semester.

Course II.

The virtue of religion. Direct act of religion; indirect acts. Veneration of Saints, etc. The Christian's duties towards himself and his neighbor. Christian Perfection.

Two hours a week. One Semester.

Course III.

Grace; actual, habitual, sanctifying. The Sacraments in general. Baptism. Confirmation.

Two hours a week. One Semester.

Course IV.

The Blessed Eucharist as a Sacrament and as a Sacrifice. The Sacrament of Penance. Extreme Unction. Holy Orders. Matrimony.

Two hours a week. One Semester.

Course V.

Creation: The spiritual world; the material world. Man and the Fall. God the Redeemer; the person and nature of the Redeemer; the work of the Redemption.

Two hours a week. One Semester.

Course VI.

Christianity, a revealed religion. Revelation in general. Pre-Christian revelation. The Christian revelation. The Church; its Institution and End.

Two hours a week. One Semester.

Course VII.

The Basis of Morality. Law. Conscience. Free Will. Moral good and moral evil. The Constitution of the Church. Marks of the Church.

Two hours a week. One Semester.

Course VIII.

Teaching Office of the Church. Holy Scripture. Tradition. The Rule of Faith. The Existence of God. Nature and Attributes of God. Unity of God. The Trinity.

Two hours a week. One Semester.

TEXT: Wilmers for all courses in Evidences of Religion.

History**Course I.**

Outline survey of European History from the birth of Christ to the Ottoman Conquest of Constantinople. Text book: Gugenberger. Lectures; assigned readings and maps to be outlined; written tests.

Three hours a week. One semester.

Course II.

General World History from the Fall of Constantinople to the present time. Continuation in matter and manner of Course I. These two courses are introductory. Obligatory on students who are to take other courses in history and for all candidates for the A. B. degree.

Three hours a week. One semester.

Course III.

Roman History from Diocletian to Irene; Old Rome and New Rome. Constant comparison of authors; study of the contemporary writers; special investigations; written and oral reports. Course obligatory for candidates for B. A. degree.

Three hours a week. One semester.

Course IV.

Period of the Crusades; Eastern and Western Europe. Continuation of Course III in manner and matter.

Course V.

Domestic life of Medieval Europe; lectures and illustrations.

One hour a week. One Semester.

Course VI.

Same as Course I in the Divinity Department.

Two hours a week. One Semester.

Course VII.

Same as Course II in the Divinity Department.

Two hours a week. One Semester.

Course VIII. Research Work.

Reading of Contemporary Authors, mostly in original texts; Numismatics; Epigraphy.

Two hours a week. Two Semesters.

Course IX. History.

History of Philosophy.

One hour a week. Both Semesters.

Mathematics**SECTION I.**

Course I. MATHEMATICS. College Algebra (Hawk's).

Four hours a week. One Semester.

Course II. MATHEMATICS. Trigonometry.

Four hours a week. One Semester.

Course III. MATHEMATICS. Analytical Geometry.

Four hours a week. One semester.

Course IV. MATHEMATICS. Calculus (course begun.)

Three hours a week. One semester.

Course V. MATHEMATICS. Calculus (course continued and finished.)

Three hours a week. One Semester.

SECTION II.**For Advanced and Graduate Students**

Courses VI, VII, VIII. Brief courses. See page 221.

Course IX. COLLEGE ALGEBRA. Five hours a week: one semester. **ANALYTIC GEOMETRY**, plane and solid. Five hours a week: one semester.

Course X. DIFFERENTIAL and INTEGRAL CALCULUS, with applications. Five hours a week: two semesters.

Course XI. DIFFERENTIAL EQUATIONS. Five hours a week: two semesters.

Chemistry

SECTION I.

Courses I and II. GENERAL CHEMISTRY. A course of experimental lectures, recitations and problems combined with laboratory work. The purpose of this course is to acquaint the student with the fundamental principles of the science and their application to inorganic and organic compounds. It meets the demands of a liberal education, and lays the foundation for more advanced work.

1A. Lectures, three hours a week. Both semesters.

1B. Laboratory, two hours a week. Both semesters.

Text: Alexander Smith's General Chemistry for Colleges.

Course III. A more thorough course. Lectures 5 hours; Laboratory 5 hours. Both semesters.

SECTION II.

For Advanced and Graduate Students

Courses IV and V. Brief courses. See page 222.

Course VI. QUALITATIVE ANALYSIS: Introductory. Five hours a week: one semester. Prerequisite: Course I and II.

Course VII. QUALITATIVE ANALYSIS, involving the detection of the rarer elements. Lecture and laboratory, five hours a week: one semester. Prerequisite: Course V.

Course VIII. QUANTITATIVE ANALYSIS, Lecture and laboratory, ten hours a week: one semester. Prerequisite: Course VI.

Course IX. ORGANIC CHEMISTRY. Lectures, four hours a week: laboratory, three hours, twice a week; with application to organic preparations. One semester. Prerequisite: Courses IV and VI.

Course X. PHYSICAL CHEMISTRY, applied to problems in General Chemistry. Lectures, four hours a week, laboratory, three hours, twice a week. One semester. Prerequisite: Physics IV, or equivalent, and Chemistry VI.

Physics

A course of lectures, demonstrations and recitations covering the fundamental principles of Physics.

Course I. Physics.

GENERAL PHYSICS: Mechancis, Heat and Sound. Lectures: Three hours a week; Laboratory: two hours a week. First semester.

Course II. Physics.

GENERAL PHYSICS: Light, Electricity and Magnetism. Lectures: Three hours a week; Laboratory: two hours a week. Second semester.

Course III. Physics.

GENERAL PHYSICS: A Continuation of Course I, involving a more extended development of the principles of Physics, the derivation and interpretation of formulas and their application to physical problems. Special attention is paid to Mechanics, Heat and Electricity. Lectures: Three hours a week; Laboratory: two hours a week. Both semesters.

Course IV. Physics.

GENERAL PHYSICS: A combined lecture and laboratory course on a par with Courses I, II and III. Ten hours a week. Both semesters.

Course V. See page 222.

Course VI. Physics.

An advanced lecture course in Theoretical Mechanics, Optics, Molecular Physics and Thermodynamics. Five hours a week. Two semesters. Prerequisite: Course II or V and Calculus.

Course VII. EXPERIMENTAL PHYSICS. A course for advanced students, including lectures on the theory of physical measurements and measuring instruments, with special attention to the computation of results and the discussion of precision. The laboratory work involves accurate measurements in Mechanics, Light, Molecular Physics and Heat. Ten hours a week. Two semesters. Prerequisite: Course VI.

Course VIII. A continuation of Course VI, repeating the lectures on Mechanics, and continuing with Electricity and

Magnetism, Electrodynamics, Radio-activity, Acoustics, and Hydrodynamics. Five hours a week. Two semesters. Prerequisite: Course II or V and Calculus.

Course IX. EXPERIMENTAL PHYSICS. A continuation of Course VII. Laboratory work principally in Electricity and Magnetism, including electrostatic and electromagnetic measurements. A practical study of the properties of direct and alternating currents, and of the principles underlying the construction of dynamo-electric machinery: calibration of electrical measuring instruments: electrolysis, etc. Ten hours a week. Two semesters. Prerequisite: Course VIII.

Physical Laboratories

Through the generosity of benefactors the University has been enabled to make changes which provide 5,000 square feet additional space for laboratory and lecture-room purposes. There are now four large laboratories for physics alone, two for the college and pre-medical courses, one for advanced courses and one for private work. A large amount of apparatus for demonstration and laboratory purposes has lately been procured. Even in the laboratories for elementary work this is of high grade and such as to secure quick and accurate results; while that for advanced work has been so chosen as to give the highest degree of accuracy and a wide range of applicability.

A room has been set aside for the study of X-ray and vacuum discharge phenomena and of high tension electrical discharges. The fullest and freest facilities for advanced laboratory work are afforded to all students able and willing to use them.

Geology

Course I. DYNAMICAL GEOLOGY.—Winds, Weathering, Rivers, Glaciers, Lakes, The Oceans, Volcanoes, Earthquakes.

STRUCTURAL GEOLOGY.—Rock-forming Minerals, Composition and Structure of Rocks. Physiographic Structure.

Four hours a week. One Semester.

Course II. HISTORICAL GEOLOGY.—Archæan, Paleozoic, Mesozoic, Cenozoic and Psychozoic Eras.

Four hours a week. One Semester.

Astronomy

Course I. The Doctrine of the Sphere. The Earth, Moon, Sun, Eclipses. Celestial Mechanics. The Planets and Asteroids. Comets and Meteors. The Stars. Uranography.

Practice: Use of the Transit Circle and of the Equatorial. Use of the Ephemeris. Calculation of Eclipses. Use of the Spectroscope.

Text: Young's General Astronomy.

Four hours a week. One Semester.

Biology

Course I and II. GENERAL BIOLOGY. Two lectures and three laboratory hours a week. Two semesters.

Course III. GENERAL PHYSIOLOGY. Two lectures and three laboratory hours a week. One semester.

Drawing

Courses I and II. FREE-HAND and MECHANICAL DRAWING. Four hours a week. Two semesters.

Courses III and IV. DESCRIPTIVE GEOMETRY. Four hours a week: two semesters. Prerequisite: Trigonometry and Drawing I.

Courses Leading to Engineering, Medicine and Teaching

Aside from the educational value of mathematics and the sciences, the University, in offering courses in these subjects, has in view the fitting of young men for professional studies in the various branches of engineering, in medicine, and in teaching. Nothing helps so much to rapid advancement in the profession as full intellectual development and general preparedness before entering upon strictly technical studies.

Course IV in physics, I, II and III in chemistry, I and II in biology, together with other courses from the general curriculum, enable students preparing for medicine to meet the advanced requirements for entrance into medical schools.

Courses I to VIII in physics, I to X in chemistry, I to XI in mathematics, I to IV in drawing, and I and II in biology furnish pre-engineering students with credits covering the theoretical portion of the first two years of all kinds of engineering in most professional schools.

Students aspiring to the position of teachers of science or mathematics in High Schools will have abundant preparation by pursuing the above-mentioned courses. Instruction will be given on methods of teaching these subjects.

Finally, a lesser degree of preparation will enable apt students to secure positions as laboratory assistants in professional schools, thereby reducing the cost of their technical training.

SEMINAR.—At stated periods the members of the advanced science courses will meet to discuss, under the direction of the professors, current scientific topics of interest and importance. The subjects for discussion will be treated in their historical, theoretical and practical bearings, with the object of bringing the student into close touch with the problems and achievements of modern science and industry.

Education

The University is empowered by the State Superintendent of Public Schools to grant without further examination to graduates who have completed the required courses in Education and Psychology a Teacher's Certificate valid for three years; which, before the expiration of that period, may become a Life Certificate on presentation to the State Superintendent of testimonials of successful teaching during sixteen months of the three-year time. A minimum of 15 semester hours is required, six of which must be given to Psychology, three each to Practice Teaching, and to the Methods or Principles of Education; the remainder may be elected from the other courses outlined below.

I. Psychology, General.

Rational and empirical psychology. (See under Philosophy, page 245.)

Five hours.

II. Psychology, Educational.

Facts and principles of psychology as they bear on the problems of the class room: physical growth, mental development, instinct, heredity, memory, nerves, attention, fatigue, individuality, abnormality, etc.

Three hours.

III. Paidology.

Physiology and psychology of childhood and adolescence in their application to educational management.

Three hours.

IV. History of Education.

Primitive, oriental, Greek, Roman, Byzantine, Medieval education; theories, methods and ideals.

Three hours.

V. History of Education.

Modern Education: The Renaissance, sequence of modern educational leaders, movements, tendencies, in the modern states of Europe and America.

Three hours.

VI. Principles of Education.

The physiological, economic, social, political, moral and religious aspects of education. Lectures, discussions, assigned readings, reports.

Three hours.

VII. Practice Teaching.

Ample opportunity is afforded students who are admitted to these courses to practice under proper guidance in the University Academy, and the adjacent public and parochial schools.

Three hours.

VIII. Methods of Education.

Educational procedure in general, theory and practice. Classroom management. A detailed study of the methods of recitation. Lectures, assigned readings, discussions.

Three hours.

IX. Secondary Education.

Study of the development of the various types of secondary schools; particularly those of today in the United States, with special attention to the purpose and value of each subject, and to the methods of teaching each.

Three hours.

X. School Organization.

Primary and High School organization; problems of grading; administration; courses, their groupings; promotion; school records.

Three hours.

Modern Languages.**French****Courses I and II.**

French Grammar. The main object of this course is to help the student to acquire a vocabulary and prepare him for the reading of French prose. Frequent exercises involving the use of the more common French idioms. Conversational exercises based on the selections translated in the class-room.

Four hours a week. Two Semesters.

Courses III and IV.

Brief repetition of the work of the first year. Syntax. Reading of the more difficult selections. Original Composition.

Three hours a week. Two Semesters.

Courses V and VI.

Readings from the various periods of French literature. Lectures on contemporary writers. The short story in modern French literature. The elements of Romance philology.

Three hours a week. Two Semesters

Spanish

Courses I and II.

Drill in pronunciation; elementary grammar. Translation of easy Spanish sentences. Conversation and written themes based on text translated.

Four hours a week. Two Semesters.

Courses III and IV.

Grammar continued. Translation of short, easy Spanish stories. Conversation and written themes.

Four hours a week. Two Semesters.

Courses V and VI.

Selections from classical Spanish authors. Conversation and written themes.

Three hours a week. Two Semesters.

German

Courses I and II.

The elements of German Grammar. Translation of easy sentences from English into German. Conversational exercises based on the selections given in the text-book.

Four periods a week. Two Semesters.

Courses III and IV.

Reading of more difficult selections. Conversational exercises based on the selections read. Reproduction of short selections by the student.

Four periods a week. Two Semesters.

Elocution

Course I.

Vocal Culture and Gesture Drill of preceding year reviewed and perfected. Analysis of the passions; interpretation and delivery. Concert Drill.

One hour a week. Two Semesters.

Course II.

Interpretation and rendition of oratorical and poetical selections. Character study and interpretation. Concert Drill.

One hour a week. Two Semesters.

Course III.

Theory and Practice. Interpretation and rendition of various species of dramatic selections; Tragedy, Comedy, etc. Dialogues and Scenes. Descriptive and Narrative Readings.

One hour a week. Two Semesters.

Course IV.

Theory and Practice. Mutual criticism of interpretation and delivery. Discussion. Dramatic and Bible Readings. Extempore Speaking.

One hour a week. One Semester.

N. B.—Much private instruction is given in preparation for public and private contests and for dramatic performances.

Vocal Music

Membership in the Glee Club will be open to those students who possess the required qualities of voice and who can be taught to read music of moderate difficulty.

Instrumental Music

Membership in the Orchestra is open to those who have sufficiently mastered the technic of some orchestral instrument.

Geophysical Observatory**Seismological and Meteorological Divisions**

DIRECTOR: J. B. GOESSE, S. J.

Seismology and Meteorology with their kindred branches offer vast fields for scientific research. Jesuit institutions like those Manila, Zikawei, Havana, and Ebro-Tortosa, have earned world-wide recognition for their work in geophysical problems. St. Louis University is trying to emulate their example.

Acknowledgments

The University, like every other private educational institution, is dependent on its friends for every necessary aid in prosecuting and developing its work, and it trusts to their generosity and their zeal for the higher things for help in bringing desired improvements to a successful issue. The President and Faculty wish to express their grateful acknowledgments for the kindly spirit manifested by those who are active in forwarding the interests of the University.

We desire also to acknowledge the following donations

To the University Library:

- Allison, James E., 1 Pamphlet.
- Alvord, C. W., 3 vols.
- Ames, Emerich & Co., 1 vol.
- Bahai Library Committee, 3 vols.
- Beck, Hon. James. M., LL. D., 1 vol.
- Belgian Minister, Washington, 1 vol.
- P. Blakiston's Son and Co., 1 vol.
- Boston Museum of Fine Arts, monthly reports.
- Brady, Ewing P., D. D. S., 1 vol.
- Brewers' Association of the U. S., Year Book, 1916.
- British Honduras Blue Book, 1 pamphlet.
- Brothers of Mary, Centenary Volume.
- Broughton, U. H., London, 1 vol.
- Bunker Hill Monument Association, 1 pamphlet.
- Canada, Department of Interior, 1 vol.
- Canada, Department of Mines, 15 pamphlets.
- Canada, Royal Society, 8 pamphlets.
- Carnegie Endowment for International Peace, 24 vols. and 14 pamphlets.
- Carnegie Foundation for the Advancement of Teaching, 3 vols.
- Central Verein, D. R. C. St. Louis, 1 vol.
- Chapman, J. J., Barrington, N. Y., 1 pamphlet.
- Cheney, Wm. A., Los Angeles, 1 vol.
- Chicago Bureau of Public Efficiency, 1 pamphlet.
- Chicago Traction Co., 1 vol.
- Cincinnati, Record of University.
- Comstock, Wm. J., 4 vols.

- Conciliation, International, N. Y. C., pamphlets.
Crerar Library, Chicago, Report.
Dibelka, J. B., Chicago, Album of Public Buildings.
Dixon, Prof. W. M., London, England, several vols. and numerous pamphlets.
Doubleday, Page & Co., Garden City, N. Y., 1 vol.
Dropsie College, Philadelphia, 1 vol.
Dutton, E. P. & Co., 2 vols.
Eddy, Mary Baker, Trustees of, Boston, 12 vols.
Education, Department of, N. Y. City, 1 pamphlet.
Ehler, G. W., Pittsburgh, 1 pamphlet.
Fairmount Park Art Association, Philadelphia, 1 pamphlet.
Fellowships in French Universities, Society for American, 1 vol.
Field Museum, Chicago, 3 pamphlets.
General Education Board, N. Y., 2 vols.
Ginn & Co., 4 vols.
Guaranty Trust Co. of N. Y., 6 pamphlets.
Habana, University of, Monthly Bulletin.
Harper, Dr. J. P., 1 vol.
Harrison, Fairfax, President of Southern Ry. Co., Washington, 1 vol.
Heath & Co., D. C., 3 vols.
Hodder & Stoughton, London, England, 2 vols.
Hospital Association, Catholic, Milwaukee, Annual Report.
Houwick, Dr. J. J., Consul for the Netherlands, 1 vol.
Hoyt, Hon. Franklin Chase, Presiding Justice N. Y. C., 1 vol.
Illinois State Historical Society, 3 vols.
Imbrie, Messrs. William Morris, & Co., 1 vol.
Insull, Samuel, Chicago, 1 vol.
Insurance Department, Springfield, Ill., 1 pamphlet.
Iowa, Department of Public Instruction, Report.
Japan Society, N. Y. City, Monthly Bulletin.
Johns Hopkins University, 1 pamphlet.
Johnson, Charles H., Sec'y State Board of Charity, N. Y., 1 vol.
Kahn, Otto H., N. Y. C., 3 pamphlets.
Kleiser, Prof. Grenville, N. Y. C., 1 vol.
Kotthof, Prof. L., 2 vols.
Lake Mohonk Conferences, 1 pamphlet.
Lamkin, Prof. U. W., Superintendent of Schools, Jefferson City, Mo., 67th Report.
League to Enforce Peace, N. Y. C., 1 vol.
Life Insurance, Association of, N. Y. C., 1 pamphlet.
Lisboa, Universidade de, 1 vol.
Loeb, Dr. H., 1 vol.

- Longmans, Green & Co., N. Y. C., 2 vols.
Los Angeles, Cal.—City Auditor, 1 vol.
Board of Education, 1 vol.
Southern California Academy of Sciences,
Bulletins.
McCormack, H. F., Chicago, 1 vol.
Massachussets—State Board of Charity, 1 vol.
Society for Mental Hygiene, 1 pamphlet.
Mechanics and Metals National Bank, N. Y. C., 1 pamphlet.
Mercantile Library Association, St. Louis, Mo., 71st Annual
Report, 1916, and Monthly Bulletin.
Merchants Exchange, St. Louis, Mo., 1 vol.
Mifflin, Houghton, Co., 1 vol.
Missouri—Botanical Garden, Monthly Bulletins.
Historical Society, Publications.
State University, the Savitar, 1 vol.
School for the Deaf, Bi-Ennial Report, 1915-1916.
National Association of Corporation Schools, N. Y. C., Bulletin.
National Biscuit Company, N. Y. C., 1 vol.
National City Bank, N. Y. C., 1 pamphlet.
National Security League, N. Y. C., 1 vol.
New York—State Board of Charity, 1 vol.
Conference of Charities and Correction, 1 vol.
Department for the Improvement of Social Con-
ditions, 3 pamphlets.
Peace Society, 2 vols.
State University, Bulletin No. 627.
Northwestern University, Chicago, Ill., 1 vol.
Ohio State University, Publications.
Ohio, Register of the Society of Colonial Wars in the State of,
1 vol.
Pacific Mutual Life Insurance, Los Angeles, Cal., 1 vol.
Pani, A. J., N. Y. C., 3 pamphlets.
Philippines Board of Education Report, 1 vol.
Philippine Islands—University of, Annual Report.
Weather Bureau, Publications.
Pennsylvania Railroad Co., Philadelphia, 1 pamphlet.
Polytechnic Institute, Brooklyn, New York, 1 pamphlet.
Princeton University Press, Vanuxem Foundation Lectures,
2 vols.
Prudential Insurance Co. of America, 2 pamphlets.
Railway News and Statistic Bureau, Bulletins.
Rice Institute, Houston, Texas, pamphlets and 3 vols.
Rivet, Antoine R., 2 vols.

- Rochester University, General Catalogue.
Rockefeller Foundation, 1 vol.
Rockefeller, J. D., Jr., 2 pamphlets.
Rosenwald, J., 1 vol.
Royal Society of Arts, London, England, 1 vol.
Royal Society of South Africa, 1 vol.
St. Louis—Board of Education, 62nd Annual Report.
 City Plan Commission, 3 pamphlets.
 Health Reports.
 Free Library, Monthly Bulletins.
 Weather Bureau, Weather Maps and Monthly
 Weather Reports.
San Francisco, Chamber of Commerce, 1 pamphlet.
Sanders, Prof. H. A., University of Michigan, 1 vol.
Smithsonian Institute, publications.
Southern Forestry Congress, Proceedings.
Spain, Junta Para Ampliacion de Estudios e Investigaciones
 Cientificas, 1 vol.
State Normal School, Missouri, 1 vol.
Stokes, W. E. D., N. Y. C., 1 vol.
Stone, I. F., N. Y. C., 1 vol.
Strathmore Paper Company, Mittineague, Mass., specimen vol.
Strong, Dr. A. H., Rochester, N. Y., 1 vol.
Thompson, S., 1 pamphlet.
Traction Co., Duluth, Minn., Annual Report, 1916.
Tuttle, Dr. Lucius, Philadelphia, 2 vols.
University of Missouri, Publications.
University of Queensland, 1 vol.
University of Sidney, Australia, 1 vol.
United States—Weather Bureau, Washington, Monthly
 Weather Review and Daily Weather Maps.
 Hydrographic Office of the Navy Department,
 Pilot Charts.
 National Museum, publications.
Virginia, University of, 1 pamphlet.
Washington University, St. Louis, Mo., Monthly Bulletins.
Western Reserve University, Cleveland, O., pamphlets.
Woman's Peace Party, Chicago, Ill., 1 pamphlet.
Yale University Press, 1 vol.
Yale University, Sheffield Scientific School, 1 pamphlet.

To the Museum:

Coyne, Horace J., Small Painting on Oak.

Huwe, Henry J., S. J., Biological Specimens from British Honduras.

Kountz, J. W., Joplin, Mo., Specimens of Sphalerite from Oklahoma.

Macelwane, J. B. and Foulquier, Joseph, S. J., Geological Specimens from Neighborhood of St. Louis.

Macelwane, J. B. and Puhl, Louis J., S. J., Geological Specimens from Eastern Nebraska.

Thompkins, Benoist, and Dillon, Daniel, Minerals, Natural History and Ethnological Specimens.

To the Science Department:

Rivet, Antoine R., Proceedings of the American Institute of Electrical Engineers for 1917.

Alumni and Student
Organizations

Sodality of the Blessed Virgin Mary

Erected 1835.

Director: Rev. William A. Padberg, S. J.

This society is a branch of an organization existing in almost every part of the world. Its object is the mutual aid and encouragement of its members in works of piety and charity. The exercises consist of weekly meetings, with the recitation of the Office of the Blessed Virgin and an instruction on some phase of Christian life; the monthly reception of the sacraments of penance and Holy Eucharist; and such activities as are compatible with the circumstances of the members.

Collegiate Division

Officers

First Term		Second Term	
James A. Dacey, Jr.....	Prefect.....	H. Grady Vien	
E. Roy Alexander.....	Assistant Prefect.	R. Murray Cantwell	
John C. Schiermann.....	Assistant Prefect.	Martin McInerney	
R. Murray Cantwell.....	Secretary.....	Francis X. Mulvihill	
H. Grady Vien.....	Treasurer.....	E. Roy Alexander	
Martin McInerney....	..Sacristans..	Harold George	
Vincent P. Ring.....		William Haren	
John B. Sullivan.....		J. C. Schiermann	
D. Brislin Flavan....		Vincent P. Ring	
Harold George.....		Claude Heithaus	
Hubertus Schotten...	..Consultors..	Thomas J. Tobin	
Claude Heithaus.....		John E. Cantwell	
Francis X. Mulvihill...		Jerome Simon	
Edwin J. Sanders.....		Jean P. Freymann	
Jerome Simon.....		Bernard French	
Ralph H. Rectern.....		O'Neill Ryan	
Joseph F. Pfeffer.....		Edwin Sanders	
George R. Long.....		Edward McGrath	
Charles F. McGarry...		Joseph L. Gross	

L. D. S.

The University Sodality

Moderator: O. J. Kuhnmuensch, S. J.

This Society was begun in October, 1914, for the Catholic students of the Post-Graduate Courses. It makes it easy for its members to strive after and to attain that strong manly piety so desirable at the present time. It also affords many excellent means for the perfecting of the thorough Catholic Professional man.

Officers

Francis Meredith Vessels, Dental.....	First Prefect	
Frank Coleman Hammitt, Medical.....	Second Prefect	
John E. Hurley, Law.....	Third Prefect	
Bernard J. Dierker, Medical..	} Consuls tors {	.. Paul W. Ferry, Medical
Francis M. Hayden, Dental..		..... Edw. L. Butler, Law
Mario Cavagnaro, Law.....		..... Paul Dague, C. & F.
Edward B. Vogel, Medical..		.. McNair Bakewell, Law
Leo B. Baltz, Dental.....		Kress McIntyre, Medical

The Philharmonic Society

Organized 1838.

"The object of this association shall be: First—To conjoin and strengthen the musical interests of the University, and to enable the members to perfect the study of their art. Second—To foster the social relations of the University, and to contribute to the dignity and pleasure of University assemblies.

"Any member of the University is eligible to the association who has a sufficient knowledge of music and a sufficient musical technic to justify his admission into the Orchestra, the Band, the Glee Club, or into any other section which may hereafter be organized."

Alumni Association

Organized Nov. 18, 1869; Reorganized 1888

Its object is "to strengthen the ties which unite the members to each other, and to the Institution at which they were educated." The constitution provides that any graduate or student of the St. Louis University may become a member of the Association, subject to the rules therein specified. Meetings for the purpose of social reunion are held at stated times.

Officers

Mr. Paul Bakewell, Jr.....	President
Mr. Alonzo F. Barr.....	First Vice-President
Mr. John C. Tobin.....	Second Vice-President
Mr. Edward A. Downey.....	Recording Secretary
Mr. Augustine Cervantes.....	Corresponding Secretary
Mr. Joseph J. Reilly, M. D.....	Treasurer
Mr. Benjamin F. Thomas, Jr.....	}.....Rules Committee
Mr. W. Maffitt Bates.....	
Mr. Chris. J. Muckermann.....	
Mr. Thomas J. Dooley.....	}Scholarship Committee
Mr. Alphonse E. Ganahl.....	
Mr. Chris. J. Kehoe.....	
Rev. William A. Padberg, S. J.....	Faculty Delegate

Department of Athletics

Officers

1917

Rev. Henry A. Hermans, S. J.....	President and Treasurer
Hanau W. Loeb, M. D.....	Vice-President
George Bakewell	Secretary

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Rev. John C. Burke, S. J.....	Regent of the School of Medicine
Mr. Paul Bakewell, Sr., LL. D.....	Dean of the Faculty of Law
Rev. Matthew McMenamy, S. J.....	Regent of the Institute of Law
George W. Wilson..	Dean of the School of Commerce and Finance
Rev. Joseph L. Davis, S. J.,	
	Regent of the School of Commerce and Finance

Philalethic Society

Organized 1832.

Moderator: Rev. Louis A. Falley, S. J.

Its object is to foster a taste for eloquence, history and general literature, and to prepare its members for public speaking. Meetings are held weekly for debates, the discussion of original essays, or other literary exercises.

Students' Library Association

Organized 1855.

Moderator: Mr. Andrew Welfle, S. J.

It administers that section of the University Library which has been applied to the general use of the undergraduates and selected for their special needs. In connection with the Library is a reading room, which affords ample opportunities for acquiring information upon current topics and forming sound opinions upon important questions. Thirty-three leading magazines, reviews and journals, and a valuable collection of works of reference are at the service of the members.

Librarians

Frederick Hansgen.....	Ferdinand Keevin
William Korfmacher.....	Stephen Burke
George Walker.....	Henry Rohde
George Prendergast	

The Scientific Society

This Society was organized in the autumn of 1914 in the College of Arts and Sciences for the purpose of exciting and maintaining among the students an enthusiastic interest in the various branches of natural science, of encouraging individual research and of offering an opportunity of practice in the art, so necessary to a professional man, of presenting to an audience in an attractive manner the results of private study.

"Fleur de Lis"

Established 1899.

Moderator: Mr. Hugh P. O'Neill, S. J.

THE FLEUR DE LIS is the organ of the University. Its purpose is to encourage literary efforts among the students, and to chronicle all matters of interest pertaining to the Institution. Special attention is given to a department reserved to the Alumni, and they are cordially invited to co-operate in making the Fleur de Lis a useful medium of intercommunication. The magazine depends on the patronage of the students and the friends of the University.

Staff of Editors**General**

Joseph F. Goeke	John C. Schiermann	Lester A. O'Keefe
William C. Essman	Bernard M. Murphy	Henry C. Fulkerson
Francis C. Hammit	Henry J. Huschle	R. Murray Cantwell
Edward A. McGrath	John E. Cantwell	

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Alumni	Jean P. Freymann
Exchanges	H. Grady Vien
Athletics	John B. Sullivan

Business Managers**Advertising**

Arthur C. Schaefer	O'Neill Ryan	Edward L. Butler
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Circulation

George R. Long

The Acolythical Society

The object of this society is to add to the solemnity of Divine Worship by the accurate observance of its rites and ceremonies, and to afford those students who have the necessary qualifications the honor of serving in the sanctuary.

Officers

Mr. Hugh P. O'Neill, S. J.....	Moderator
Edward McGrath	President
Hugh Harkins	Secretary and Treasurer
William Korfmacher and Hamilton Thornton.....	Censors
John Devereux, John O'Brien and Thomas Hickey.....	Consultors

College Lecture Club

Director: Rev. Bernard A. Foote, S. J.

The Lecture Club is a student organization established a year ago for the purpose of giving illustrated lectures on inspiring Catholic subjects. The members of the club have spared neither pains nor labor in making each lecture interesting as well as historically accurate, in carefully preparing the speakers, and in gathering from all available sources in Europe and America, the best and most attractive illustrations of the subjects chosen for treatment. The lectures are given in Catholic schools, institutions, parish halls and before Catholic organizations.

Lecturers

Vincent P. Ring	Arthur C. Schaefer	Joseph L. Gross
Francis X. Mulvihill	John B. Sullivan	Jerome Simon

Assistants

R. Murray Cantwell	Roy E. Alexander	John C. Schiermann
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Academy of Sacred Eloquence

Moderator: Rev. Charles H. Cloud, S. J.

Special attention to sacred eloquence is given by students of the Philosophical Department who are preparing for the School of Divinity. Each student is required to write a sermon on a given text, and, after its approval, to deliver the same before the Faculty and students. Besides this, weekly meetings are held, at which the students, in regular succession, give brief sermons on assigned texts and render selections from Holy Scripture or Pulpit Oratory. The criticism then given is summed up by the moderator.

Campion English Academy

Moderator: William J. McGucken, S. J.

This society, organized in 1890, is composed of students of the graduate School of Philosophy and Science. The object of the Academy is to give its members an opportunity for mutual encouragement and criticism, to accustom them to fluent and elegant writing, and to develop literary taste.

The Academy of Philosophy and Science

President: Gerald Fitzgibbons, S. J.

This Association is composed of students of the Graduate Schools of Philosophy and Science. The object of the Academy is to encourage original research and study; to afford its members an opportunity for the presentation of Philosophic and Scientific thought in a popular and elegant English dress; and in general to promote fluent writing, literary taste, and a cultured scholarship along philosophical and scientific lines.

The Course of Lectures

Damped and Undamped Waves—Methods of Production
October 24.....Mr. Reynolds

Sleep and Dreams
November 7.....Mr. Roemer

Electrification of Trunk Line Railroads
November 21.....Mr. Frommelt

Post-Hypnotic Phenomena
December 3.....Mr. McGucken

Architectural Beauties of the Panama Pacific Exposition
December 19.....Mr. Kelly

The Problem of Immigration
January 16.....Mr. Davlin

Instinct in the Honey Bee
January 30.....Mr. Shiple

Child Labor
February 13.....Mr. Ryan

Life Outside Living Organisms?
February 27.....Mr. Stechschulte

Solidarism versus Capitalism
March 13.....Mr. Bungart

Housing Conditions in American Cities
April 10.....Mr. Bennett

Theological Academy

This society is composed of students of the Divinity School. Meetings are held bi-weekly, at which questions in Dogmatic and Apologetic Theology, in Biblical History and Exegesis are presented and discussed by the members.

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The Course of Lectures

Fundamental Fallacies of Theosophy

October 17.....Mr. Young

A Pre-Reformation Teaching Order

October 31.....Mr. Schmitt

Newman and the Oxford Movement

November 14.....Mr. Dowd

A Jesuit Chinese Orphanage and its Work

December 12.....Mr. Flaherty

The Sistine Chapel (Illustrated)

January 9.....Mr. Sipchen

A Gunpowder Plot—A Ghost of Bigotry

January 22.....Mr. Grueter

Mediaeval Preaching

February 6.....Mr. Donnelly

The Tomb of St. Peter—History and Present Condition

February 20.....Mr. Wand

Emancipation of Ireland

March 6.....Mr. Hart

The Role of Louis XVI in the French Revolution

March 20.....Mr. V. White

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President: Paul J. Sweeney, S. J.

The object of this organization of post-graduate students is to foster in its members a taste for eloquence, and, in particular, to enable them to cultivate the art of extemporaneous speaking. Bi-weekly meetings are held, at which a subject agreed on is discussed first by two members appointed for the purpose, then by the house.

The High Schools And Commercial Department of St. Louis University

The Annual Catalogue, containing the names of Officers and Faculty, the Register of Students, the Course of Studies and information regarding the discipline, method, equipment, expenses, etc., is issued in June of each scholastic year. Classical, Scientific, English and Commercial Courses are offered in the High Schools.

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The examinations will be held on

SATURDAY, MAY 11, 1918.

at 9 A. M., in the St. Louis University, Grand Avenue and West Pine Boulevard.

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University Calendar

1919.

February 14.	Second Semester begins.
February 21.	Annual Retreat for Professional Schools.
February 22.	Washington's Birthday.
February 24.	Disputations—Divinity.
February 25.	Disputations—Philosophy.
March 1.	University Play.
March 5.	Catechetical Essay Announced.
April 3.	Oratorical Contest.
April 9.	Intercollegiate English Contest.
April 14.	Annual Retreat—Arts and Sciences.
April 17.	Easter Recess.
April 20.	Easter.
April 30.	Intercollegiate Latin Contest.
May 6.	Elocution Contest.
May 19.	Senior Medical Examinations.
May 20.	Examinations—Law.
June 6.	Annual Commencement.
June 6.	Examinations—Philosophy and Divinity.
June 21.	Examinations—Arts and Sciences.
June 26.	Examinations—Medical and Dental.
September 12.	Registration—Arts and Sciences.
September 16.	Solemn Mass of the Holy Ghost.
September 13.	Session begins—Arts and Sciences.
September 22.	Session begins—Night Law.
September 29.	Session begins—Day Law.
September 30.	Sodalities Reorganize.
October 1.	Session begins—Medical and Dental.
October 1.	Session begins—Commerce and Finance.
November 12.	Solemn Requiem Mass for deceased Professors and Students.
November 24.	Disputations—Divinity and Philosophy.
November 27.	Thanksgiving Day.
December 23.	Christmas Recess begins.

1920.

January 2.	Classes resumed.
January 17.	Mid-Year Examination.

A. M. D. G.

St. Louis University

This institution, controlled and directed by the Fathers of the Society of Jesus, was incorporated as a University under the act of the Legislature of the State of Missouri, December 28, 1832, under the corporate title of

"ST. LOUIS UNIVERSITY,"

and empowered to confer degrees and academical honors in all the learned professions; and generally "to have and enjoy all the powers, rights and privileges exercised by literary institutions of the same rank."

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- RAYMOND C. McNALLY, V.-P., Nat. Bank of Commerce.
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Dean of Schools of Divinity and Philosophy.
Professor of Moral Theology.
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Professor of Surveying.
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- ELBERT B. OWEN, D. D. S., Frisco Building.
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- VICTOR STEMPE, C. P. A., B. S. C., University.
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*Deceased, December 24, 1918.

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Assistant in Physiology.
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- WILLIAM M. TOMPKINS, LL. B., Institute of Law.
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- CAPT. ALVAR GOULD THOMPSON, 2609 S. Grand Ave.
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Professor of Economics and Political Science.
Secretary of School of Commerce and Finance.
- JOHN LEO TIERNEY, A. M., M. D., Humboldt Bldg.
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- RANDALL S. TILLES, M. D., Metropolitan Building.
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- MILES B. TITTERINGTON, M. D., Metropolitan Bldg.
Instructor in Radiography.
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- THOMAS J. TOBIN, Wabash Railroad.
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- HILLEL UNTERBERG, M. D., 529 Frisco Building.
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Assistant in Medicine.

-
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Lecturer on Transportation.
- EDWIN H. WAGNER, Boatmen's Bank Building.
Lecturer in Accounting.
- REV. THOMAS WALLACE, S. J., University.
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- GEORGE WADE WILSON, A. M., M. D., Humboldt Bldg.
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- CHAPMAN, WILTON D., LL. B., Institute of Law.
Insurance.
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Anesthesia.
- JOHN ZAHORSKY, A. B., M. D., Lister Building.
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- ALFRED ZELLER, S. J., University.
Custodian of Laboratories.

Register of Students

List of Abbreviations.

Md.—Medicine. Dn.—Dentistry. Lw.—Law. C.F.—Commerce and Finance. Dv.—Divinity. Ph.—Philosophy and Science. Ar.—College of Arts. P.G.—Post-Graduate. P.M.—Pre-medical College Year. Sp.—Special. Eng.—Engineering.

The Roman numeral indicates the first, second, third or fourth year in the Student's Course.

Ahlesr, J. Frederick.....	I. C. F.....	Missouri.
Allen, Charles C., Jr.....	III. Lw.....	Missouri.
Allen, Nellie Elizabeth.....	IV. Lw.....	Missouri.
Alles, John A.....	I. C. F.....	Missouri.
Alexander, Calvert P.....	I. Ar.....	Missouri.
Alston, William Henry.....	II. Lw.....	Illinois.
Androff, Philip S.....	III. Lw.....	Missouri.
Armbruster, C. Pierre.....	III. Lw.....	Missouri.
Arnold, Frederick Anthony.....	III. Dv.....	Canada.
Arthur, Robert N.....	II. C. F.....	Missouri.
Bachner, Gabriel George.....	I. Ph.....	Indiana.
Bader, John William.....	I. P. M.....	Missouri.
Bailey, Paul Richard.....	II. Dn.....	Missouri.
Baird, Blanchard.....	I. P. M.....	Illinois.
Bakewell, Claude McNair.....	III. Ph.....	Missouri.
Balauri, Sam Donald.....	III. Dn.....	Albania.
Baldus, Frederick Marian.....	I. Dv.....	Idaho.
Baltz, Leo Bernard.....	III. Dn.....	Arkansas.
Bandurski, Edward.....	IV. Lw.....	Missouri.
Bank, August H.....	I. C. F.....	Missouri.
Barbour, Orville Everett.....	IV. Md.....	Missouri.
Barger, Charles G.....	I. C. F.....	Missouri.
Barken, Michael B.....	I. C. F.....	Missouri.
Barr, Alonzo Francis.....	II. Lw.....	Missouri.
Barton, Elmer Alfred.....	II. Ph.....	Michigan.
Bartylak, Ladislaus Stanislaus.....	I. Dv.....	Illinois.
Bauer, Joseph J.....	I. C. F.....	Missouri.
Bauman, Carl Hugo.....	I. P. M.....	Illinois.
Bauman, Reuben Edward.....	III. Dn.....	Illinois.

Baumstark, Herbert Frederick.....	III. <i>Dn.</i>	Missouri.
Bay, Frank Newton.....	II. <i>Md.</i>	Iowa.
Baxter, Charles R.....	I. <i>C. F.</i>	Missouri.
Beattie, John W.....	I. <i>C. F.</i>	Missouri.
Beck, Eugene.....	I. <i>Dv.</i>	Alsace.
Beckman, Jacob William.....	I. <i>Dn.</i>	Missouri.
Beisel, Max Adam.....	III. <i>Dn.</i>	South Dakota.
Benner, Alvin J.....	Sp. <i>C. F.</i>	Missouri.
Bennett, James D.....	II. <i>C. F.</i>	Missouri.
Bennett, Foster Lawrence.....	II. <i>Lw.</i>	Missouri.
Bennett, George R.....	II. <i>P. M.</i>	Missouri.
Benton, Walter.....	II. <i>Dn.</i>	Missouri.
Berens, Rev. Anthony Francis.....	IV. <i>Dv.</i>	Wisconsin.
Berens, Rev. John Albert.....	IV. <i>Dv.</i>	Wisconsin.
Bergman, John Philip.....	II. <i>Ph.</i>	Illinois.
Bergwall, Robert Parkhurst.....	IV. <i>Md.</i>	Wisconsin.
Berkmeyer, Charles.....	IV. <i>Lw.</i> , I. <i>C. F.</i>	Missouri.
Berning, George Henry.....	III. <i>Dn.</i>	Illinois.
Bernstorff, Paul.....	III. <i>Md.</i>	Missouri.
Beste, Walter H.....	I. <i>C. F.</i>	Missouri.
Beuchat, Lee J.....	II. <i>P. M.</i>	Colorado.
Bey, Joseph Francis.....	III. <i>Dn.</i>	Missouri.
Beyer, Herman D.....	II. <i>C. F.</i>	Missouri.
Bilgere, George Amiel.....	II. <i>Lw.</i>	Missouri.
Birenbaum, Joseph.....	I. <i>Dn.</i>	Missouri.
Blakemore, James Frank.....	III. <i>Dn.</i>	Arkansas.
Bloch, Blanche M.....	I. <i>C. F.</i>	Missouri.
Bloomsma, Harry L.....	I. <i>Lw.</i>	Illinois.
Blumenshine, Arthur Dean.....	III. <i>Dn.</i>	Illinois.
Bofenkamp, Fred William.....	I. <i>Md.</i>	Minnesota.
Bohne, William Ranke.....	II. <i>Md.</i>	Indiana.
Boka, Alex. J.....	III. <i>C. F.</i>	Missouri.
Bolte, John Adolph.....	I. <i>Dv.</i>	Ohio.
Bonacci, Michael James.....	II. <i>Md.</i>	Wisconsin.
Bonham, Frank Vernon.....	I. <i>Dn.</i>	Illinois.
Bork, Augustine Alexander.....	I. <i>Ph.</i>	Ohio.

Bott, Olin John.....	II. <i>Dn.</i>	Illinois.
Bouscaren, Pierre Bertrand.....	III. <i>Dv.</i>	Ohio.
Bouscaren, Timothy Lincoln.....	II. <i>Ph.</i>	Ohio.
Bowdern, William Sporing.....	I. <i>Ph.</i>	Missouri.
Boyle, Clyde.....	I. <i>Dn.</i>	Illinois.
Boyle, Stephen Aloysius.....	I. <i>Dv.</i>	Iowa.
Braden, David Ritchey.....	III. <i>Md.</i>	Missouri.
Brandt, George Paul.....	III. <i>Dn.</i>	Missouri.
Branom, Le Roy.....	IV. <i>Md.</i>	Missouri.
Brass, John George Beadle.....	III. <i>Md.</i>	England.
Braucourt, Edmond F.....	II. <i>C. F.</i>	Missouri.
Braun, Karl Anthony.....	IV. <i>Md.</i>	Ohio.
Bremer, Bertha.....	IV. <i>Lw.</i>	Missouri.
Brennan, Rev. John Anthony.....	IV. <i>Dv.</i>	Pennsylvania.
Brennan, Michael Earl.....	II. <i>Md.</i>	Illinois.
Bries, Frank J.....	III. <i>Md.</i>	Iowa.
Brinckworth, Louis H.....	I. <i>Lw.</i>	Missouri.
Brinkhaus, Armand Louis.....	I. <i>Md.</i>	Louisiana.
Brinkhaus, James.....	I. <i>Dn.</i>	Louisiana.
Britt, Archer C.....	IV. <i>Lw.</i>	Missouri.
Broeker, Ralph Joseph.....	II. <i>Dn.</i>	Missouri.
Brogan, Joseph H.....	II. <i>Lw.</i>	Missouri.
Brown, Clyde M.....	II. <i>Ar.</i>	Illinois.
Brucker, Hartford Frederick.....	I. <i>Ph.</i>	Ohio.
Bruen, James R.....	I. <i>C. F.</i>	Missouri.
Bruening, Bertha M.....	II. <i>C. F.</i>	Missouri.
Brunk, Ray W.....	I. <i>C. F.</i>	Missouri.
Budde, Charles August.....	II. <i>Dv.</i>	Iowa.
Budde, Rev. Edward Charles.....	IV. <i>Dv.</i>	Iowa.
Buddemeyer, Frank Herman.....	I. <i>P. M.</i>	Missouri.
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Burns, Vincent C.....	Sp. <i>C. F.</i>	Missouri.
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Byrne, James.....	I. <i>Ar.</i>	Missouri.
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Callahan, Vincent D.....	I. <i>C. F.</i>	Missouri.
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Cantwell, John E.....	II. <i>Ar.</i>	Missouri.
Cantwell, R. Murray.....	III. <i>Ar.</i>	Missouri.
Carey, Michael Joseph.....	I. <i>Md.</i>	Missouri.
Carlos, Thomas W.....	III. <i>Lw.</i>	Missouri.
Carpenter, Edgar Mason.....	II. <i>Dn.</i>	Missouri.
Carter, William Preston.....	II. <i>Lw.</i>	Missouri.
Casolaro, Januarius Pascal.....	I. <i>Dv.</i>	Italy.
Cassidy, Leslie Denis.....	III. <i>Md.</i>	Georgia.
Castle, Meyer.....	II. <i>Dn.</i>	Colorado.
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Catudal, Joseph Emery.....	III. <i>Dn.</i>	Kansas.
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Cheney, Ralph Edwin.....	III. <i>Md.</i>	Kansas.
Chenoweth, Avery Hobart.....	II. <i>Dn.</i>	Illinois.
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Clark, Arthur Grover.....	III. <i>Dn.</i>	Missouri.
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Clifford, John Joseph.....	III. <i>Dv.</i>	Illinois.
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Coates, Wallace King.....	III. <i>Dn.</i>	Missouri.
Cody, Alexander John.....	I. <i>Dv.</i>	California.
Coghlan, Arthur Vincent.....	I. <i>Dv.</i>	Mexico.
Cohen, Max.....	I. <i>C. F.</i>	Missouri.
Cohlmeyer, John William.....	III. <i>Dn.</i>	Illinois.
Collins, John Joseph.....	II. <i>Dn.</i>	Missouri.

Collins, John Nicholas.....	III. <i>Dn.</i>	Illinois.
Collins, Lisle Leaholme.....	IV. <i>Md.</i>	Missouri.
Connelly, Cecil Clayton.....	II. <i>Dn.</i>	Missouri.
Connor, Harold.....	II. <i>Lw.</i>	Missouri.
Conway, John Francis.....	I. <i>Dv.</i>	Colorado.
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Cook, Lemuel James.....	II. <i>Dn.</i>	Missouri.
Corey, Anthony Hubert.....	II. <i>Dv.</i>	Minnesota.
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Cougot, Leo Dominique.....	II. <i>Dn.</i>	Missouri.
Coutant, Frederick Irving.....	II. <i>Dn.</i>	Missouri.
Coyle, James Daniel, Jr.....	II. <i>Md.</i>	California.
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Cradick, John P.....	I. <i>C. F.</i>	Missouri.
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Crawford, William Wallace.....	III. <i>Dn.</i>	Missouri.
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Cremer, Bernard Virgil.....	I. <i>Lw.</i>	Illinois.
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Cronk, Eugene D.....	I. <i>Eng.</i>	Missouri.
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Cullen, Francis Edward.....	II. <i>Md.</i>	Iowa.
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Cummings, James Hay.....	IV. <i>Md.</i>	Missouri.
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Curran, Paul Stanley.....	II. <i>Md.</i>	Ohio.
Cusack, Leo Lawrence.....	II. <i>Ph.</i>	Iowa.
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Custer, Mathew Lee.....	IV. <i>Md.</i>	Iowa.
Czarnecki, Casimir Joseph.....	I. <i>Md.</i>	Ohio.
Daggett, Nealy Otis.....	I. <i>P. M.</i>	Missouri.

Dailey, John Eugene.....	III. <i>Md.</i>	Indiana.
Daly, Thomas Patrick.....	I. <i>Dv.</i>	Georgia.
Davis, William Munroe.....	II. <i>Dn.</i>	Missouri.
Deckmeyer, Carl John.....	II. <i>Md.</i>	Missouri.
De Haye, Francis Marion.....	I. <i>Ph.</i>	Illinois.
D'Haene, Ormond Peter.....	III. <i>Dv.</i>	Michigan.
Diersen, Aloysius James.....	I. <i>Ph.</i>	Ohio.
Demko, Frank.....	II. <i>P. M.</i>	Missouri.
de Monsabert, Andre Joseph.....	II. <i>Dv.</i>	Louisiana.
Dahm, Paul J.....	II. <i>Ar.</i>	Missouri.
Denk, Albert Andrew.....	II. <i>P. M.</i>	Missouri.
Dennis, Foster Leonard.....	II. <i>Md.</i>	Kansas.
Dent, Paul.....	I. <i>Lw.</i>	Missouri.
Deyling, Percy.....	I. <i>P. M.</i>	Minnesota.
Diemert, Joseph John.....	II. <i>Dv.</i>	N. Dakota.
Diethelm, Rudolph Alois.....	II. <i>Md.</i>	Ohio.
Dietrich, Charles F. J.....	III. <i>C. F.</i>	Missouri.
Dillon, Thomas.....	II. <i>Dn.</i>	Illinois.
Dionysius, Ambrose L.....	I. <i>Ar.</i>	Missouri.
Diven, Leslie Morey.....	I. <i>P. M.</i>	Missouri.
Dobbs, Otto Ross.....	II. <i>Md.</i>	Illinois.
Dolan, Henry Francis.....	IV. <i>Md.</i>	Iowa.
Dolan, Leo P.....	II. <i>P. M.</i>	Ohio.
Dole, Arthur Frank.....	II. <i>Md.</i>	Michigan.
Donnelly, Thomas James.....	II. <i>Dv.</i>	Ohio.
Donohue, Philip F.....	III. <i>Md.</i>	Minnesota.
Donovan, Francis X.....	I. <i>Lw.</i>	Missouri.
Donovan, Howard.....	II. <i>Md.</i>	Illinois.
Donovan, William Patrick.....	II. <i>Md.</i>	Wisconsin.
Doonan, John Berchmans.....	III. <i>Dv.</i>	Georgia.
Doran, Francis Joseph.....	IV. <i>Md.</i>	Ohio.
Doubek, John Charles.....	II. <i>Md.</i>	Missouri.
Dougherty, Martin.....	III. <i>Dn.</i>	Kansas.
Douglas, Stacy P.....	Sp. <i>C. F.</i>	Missouri.
Dowd, William A.....	II. <i>Dv.</i>	Ohio.
Doyle, Elizabeth J.....	I. <i>C. F.</i>	Missouri.

Doyle, Raymond Edward.....	II. <i>Md.</i>	Colorado.
Draper, David Burris.....	II. <i>Md.</i>	California.
Dreiling, Bernard J.....	III. <i>Md.</i>	Kansas.
Dreiling, Joseph Francis.....	III. <i>Dn.</i>	Kansas.
Dryden, Celeste H.....	II. <i>C. F.</i>	Missouri.
Duerfahrd, F. H. A.....	III. <i>C. F.</i>	Missouri.
Duffy, Dennis.....	III. <i>Dn.</i>	Ohio.
Dummit, Howard.....	II. <i>Dn.</i>	Missouri.
Duncan, George Waverly.....	II. <i>Dn.</i>	Illinois.
Dunlavy, Alva J.....	II. <i>Dn.</i>	Nebraska.
Durbin, Howard Paul.....	II. <i>Md.</i>	Missouri.
Dwyer, Raymond J.....	I. <i>Eng.</i>	Missouri.
Dwyer, Thomas L.....	I. <i>P. M.</i>	Missouri.
Ebel, Joseph Anthony.....	III. <i>Md.</i>	Missouri.
Eden, Edward Henry.....	II. <i>Dn.</i>	Missouri.
Edmiston, Glenn Frederick.....	III. <i>Dn.</i>	Illinois.
Egana, Gabinus Evaristus.....	I. <i>Dv.</i>	Spain.
Eggeman, Minot George.....	II. <i>Dn.</i>	Missouri.
Eggler, Alvin Frederick.....	I. <i>Ar.</i>	Missouri.
Egle, Joseph Louis.....	I. <i>Md.</i>	Ohio.
Ehrhardt, Alfred F.....	I. <i>C. F.</i>	Missouri.
Elliott, Loren Ferrell.....	IV. <i>Md.</i>	Missouri.
Ellis, Adam Charles.....	II. <i>Dv.</i>	New York.
Ely, William Douglas.....	II. <i>Lw.</i>	Missouri.
Elz, Julius Theodore.....	III. <i>Md.</i>	Illinois.
Emons, Walter William.....	III. <i>Dn.</i>	Illinois.
Emons, Clifford Wallace.....	I. <i>P. M.</i>	Illinois.
Engler, John Gayer.....	I. <i>P. M.</i>	Missouri.
Epp, George John.....	III. <i>Md.</i>	Missouri.
Epperly, Marvin Forest.....	I. <i>Dn.</i>	Missouri.
Erbacher, Rev. Henry J.....	IV. <i>Dv.</i>	Kansas.
Erbs, Oliver Francis.....	II. <i>Lw.</i>	Missouri.
Ettelbrick, August V.....	I. <i>C. F.</i>	Missouri.
Etter, Forrest Stayton.....	III. <i>Md.</i>	Missouri.
Eversgerd, Ben H.....	I. <i>C. F.</i>	Missouri.
Ewell, George Hobart.....	III. <i>Md.</i>	Missouri.

Eyermann, Henry Walter.....	II. <i>P. M.</i>	Missouri.
Fahrenheit, William Louis.....	II. <i>Dn.</i>	Missouri.
Farley, Ross Davis.....	III. <i>Dn.</i>	Oklahoma.
Fattmann, C. Jerome.....	I. <i>C. F.</i>	Missouri.
Fecht, Clarence J.....	II. <i>C. F.</i>	Missouri.
Feierabend, Frank Leo.....	I. <i>Md.</i>	Missouri.
Feldmeier, Joseph C.....	I. <i>C. F.</i>	Missouri.
Ferris, Ralph Jacob.....	I. <i>Dn.</i>	Missouri.
Ferry, Paul William.....	II. <i>Md.</i>	Indiana.
Fialkowski, Joseph John.....	I. <i>Md.</i>	Ohio.
Fiedler, Martha.....	I. <i>C. F.</i>	Missouri.
Fiedler, Samuel F. C.....	I. <i>C. F.</i>	Missouri.
Fields, John G.....	I. <i>C. F.</i>	Missouri.
Finley, Thomas J.....	I. <i>C. F.</i>	Missouri.
Finnegan, Charles Robert.....	IV. <i>Md.</i>	Wisconsin.
Finnigan, Frank Roman.....	III. <i>Md.</i>	Kansas.
Finnegan, James Patrick.....	I. <i>P. M.</i>	Missouri.
Finnegan, Lawrence Raymond.....	III. <i>Dn.</i>	Wisconsin.
Finnegan, William Leo.....	IV. <i>Md.</i>	Wisconsin.
Finot, Philip Henry.....	IV. <i>Md.</i>	Missouri.
Fischer, Armin.....	III. <i>Md.</i>	Indiana.
Fitzgerald, Leo Peter Thomas.....	III. <i>P. M.</i>	California.
Flaherty, Thomas John.....	III. <i>Dv.</i>	California.
Flanagan, Neal D.....	II. <i>C. F.</i>	Missouri.
Flanagan, Stewart Daniel.....	III. <i>Lw.</i>	Missouri.
Flavan, David Brislin.....	IV. <i>Ar.</i>	Missouri.
Flinn, James M.....	II. <i>Md.</i>	Montana.
Flottenmesch, Sylvester.....	Special.....	Missouri.
Foehr, Joseph W.....	I. <i>C. F.</i>	Missouri.
Fox, James.....	I. <i>Eng.</i>	Illinois.
Francis, George Albert.....	III. <i>Dv.</i>	Belgium.
Franke, Neil.....	I. <i>Dn.</i>	Illinois.
Frankel, Sol Irwin.....	II. <i>P. M.</i>	Missouri.
Fredrickson, Adolph Rickard.....	III. <i>Md.</i>	North Dakota.
Freeman, Spencer Lane.....	II. <i>Md.</i>	Missouri.
Freimuth, Louis Elmer.....	II. <i>Md.</i>	Missouri.

Friedman, Samuel S.....	IV. <i>Lw.</i>	Missouri.
Friel, Alphonsus L.....	I. <i>C. F.</i>	Missouri.
Friend, James A.....	I. <i>C. F.</i>	Missouri.
Fries, Armand Dehner.....	I. <i>Md.</i>	Missouri.
Freivogel, Edward Charles.....	I. <i>Dn.</i>	Illinois.
Frumson, Walter Lee.....	I. <i>P. M.</i>	Missouri.
Frutiger, Samuel Marvin.....	I. <i>Dn.</i>	Missouri.
Fuchs, George Joseph.....	II. <i>Md.</i>	Missouri.
Fulenwider, Harry W.....	I. <i>Lw.</i>	Missouri.
Furlong, Robert E.....	III. <i>C. F.</i>	Missouri.
Gaard, Christopher C.....	III. <i>Md.</i>	Iowa.
Gabler, Frederick A.....	I. <i>Lw.</i>	Missouri.
Gafney, George Thomas.....	IV. <i>Md.</i>	Ohio.
Gallagher, William Joseph.....	III. <i>Md.</i>	Ohio.
Gamble, Helen.....	I. <i>C. F.</i>	Missouri.
Gannon, Thomas L.....	I. <i>C. F.</i>	Missouri.
Gantner, George C.....	II. <i>Ar.</i>	Missouri.
Garcia, Octavio.....	II. <i>Md.</i>	Texas
Garden, Max.....	I. <i>C. F.</i>	Missouri.
Garside, Arthur Alphonsus.....	I. <i>Md.</i>	Iowa.
Garvey, Mary A.....	I. <i>C. F.</i>	Missouri.
Gaspard, Edyth L.....	I. <i>C. F.</i>	Missouri.
Gedert, John Joseph.....	I. <i>Md.</i>	Ohio.
Georgen, Joseph M.....	II. <i>Dv.</i>	Illinois.
Gerber, Fred A.....	II. <i>C. F.</i>	Missouri.
Gerard, Jules Henry.....	IV. <i>Md.</i>	Missouri.
Gerling, John Henry.....	II. <i>Lw.</i>	Missouri.
German, Walter Abel.....	III. <i>Md.</i>	Kansas.
Gerwert, John.....	III. <i>Dn.</i>	Ohio.
Gianotti, Ernest.....	III. <i>Md.</i>	Utah.
Gibson, Helen E.....	I. <i>C. F.</i>	Missouri.
Gillmor, Chas. Stewart.....	I. <i>P. M.</i>	Missouri.
Gissy, Charles Joseph.....	II. <i>Md.</i>	Illinois.
Gitcho, Miltiades John.....	I. <i>Dn.</i>	Illinois.
Gitchoff, George Evans.....	III. <i>Dn.</i>	Missouri.
Glaze, Kenneth Franklin.....	II. <i>P. M.</i>	Missouri.

Glenn, Elmer Edward.....	I. <i>P. M.</i>	Missouri.
Glowacki, Boleslaus F.....	II. <i>Md.</i>	Ohio.
Glowinski, Theodore Vincent.....	II. <i>Ph.</i>	Illinois.
Gnau, Gustave L.....	I. <i>C. F.</i>	Missouri.
Godfrey, Dewey Stephen.....	II. <i>Lw.</i>	Missouri.
Goessling, Gerald A.....	I. <i>Eng.</i>	Missouri.
Golden, John Martin.....	I. <i>Dv.</i>	Colorado.
Goldman, Joseph H.....	I. <i>C. F.</i>	Missouri.
Golinvaux, Cletus J.....	II. <i>Md.</i>	Iowa.
Gollub, Max.....	I. <i>C. F.</i>	Missouri.
Gomez, Cea Rogelio.....	III. <i>Dn.</i>	El Salvador, C. A.
Golnik, Edward Aloysius.....	I. <i>Dv.</i>	Illinois.
Goorman, Bernard.....	III. <i>Dn.</i>	Missouri.
Gormally, William Patrick.....	II. <i>Ph.</i>	Ontario.
Gorman, Jeremiah Thomas.....	III. <i>Dn.</i>	Illinois.
Gossou, Benj. Geret.....	I. <i>Md.</i>	Missouri.
Gove, James Rhey.....	I. <i>Eng.</i>	Missouri.
Graf, William L.....	III. <i>Lw.</i>	Missouri.
Graham, Lawrence Franklin.....	II. <i>Dn.</i>	Missouri.
Graham, William Henry.....	III. <i>Dv.</i>	Texas.
Grash, Fred.....	I. <i>C. F.</i>	Missouri.
Gray, Mrs. Ruth B.....	I. <i>C. F.</i>	Missouri.
Greaves, Robert Henry.....	IV. <i>Md.</i>	Illinois.
Grebe, Roland.....	I. <i>P. M.</i>	Arizona.
Green, Maurice Lytton.....	I. <i>P. M.</i>	Illinois.
Greener, Charles H.....	I. <i>C. F.</i>	Missouri.
Greenman, Earl Ralph.....	III. <i>Dn.</i>	Iowa.
Greer, Miller.....	I. <i>P. M.</i>	Illinois.
Gregory, Gustav L.....	I. <i>C. F.</i>	Missouri.
Grogan, Robert Earl.....	I. <i>Md.</i>	Texas.
Gross, Willis Charles.....	II. <i>Dn.</i>	Missouri.
Grueb, Paul Max.....	II. <i>Md.</i>	California.
Gruenthaner, Michael Joseph.....	II. <i>Dv.</i>	New York.
Grueter, Albert Bernard.....	II. <i>Dv.</i>	Ohio.
Gschwend, Joseph Adolf.....	I. <i>Ph.</i>	Missouri.
Gschwend, William C.....	II. <i>C. F.</i>	Illinois.

Guttenberg, Cecelia R.....	II. <i>Lw.</i>	Missouri.
Habenicht, Julius.....	III. <i>Lw.</i>	Missouri.
Hackmann, Alvin Francis.....	II. <i>Lw.</i>	Missouri.
Hackett, Murtha Joseph.....	IV. <i>Lw.</i>	Missouri.
Hahn, Aloysius Siegfried.....	III. <i>Ph.</i>	Missouri.
Hahn, Roland Peter.....	II. <i>P. M.</i>	Missouri.
Haile, Leon Campbell.....	III. <i>Md.</i>	Missouri.
Haller, Emanuel Ernest.....	III. <i>Dn.</i>	Missouri.
Halloran, Agnes G.....	I. <i>C. F.</i>	Missouri.
Halloran, Joseph D.....	II. <i>C. F.</i>	Missouri.
Halloran, Lester Aloysius.....	IV. <i>Md.</i>	Iowa.
Hamilton, James R.....	I. <i>C. F.</i>	Missouri.
Hamilton, Raphael Noteware.....	II. <i>Ph.</i>	Nebraska.
Hammitt, Frank Coleman.....	IV. <i>Md.</i>	Illinois.
Hannan, Martin Leo.....	II. <i>Md.</i>	Illinois.
Hannan, Maryin L.....	Sp. <i>C. F.</i>	Illinois.
Hannibal, John Edward.....	I. <i>Md.</i>	Ohio.
Harbrecht, Sebasteon Joseph.....	III. <i>Md.</i>	Michigan.
Harder, Robert Christopher.....	II. <i>Dv.</i>	Missouri.
Hardy, John Wesley.....	III. <i>Dn.</i>	Illinois.
Hardy, Joseph Arnold.....	I. <i>Ar.</i>	Missouri.
Harlin, Amos Ripply.....	III. <i>Dn.</i>	Missouri.
Harrington, Edward Thomas.....	II. <i>Dn.</i>	Missouri.
Harris, Abe.....	I. <i>Dn.</i>	Missouri.
Hart, Rev. Edward Lawrence.....	IV. <i>Dv.</i>	Nebraska.
Hartley, John Edwin.....	II. <i>P. M.</i>	Kansas.
Haren, William Eugene.....	III. <i>Ar.</i>	Missouri.
Hassett, Henry Anthony.....	III. <i>Md.</i>	Illinois.
Hastings, Eugene Leigh.....	III. <i>Md.</i>	Illinois.
Haumueller, Oscar Theodore.....	III. <i>Dn.</i>	Missouri.
Haumesser, Benj. George.....	IV. <i>Md.</i>	Illinois.
Hausgen, Frederick W.....	I. <i>Eng.</i>	Missouri.
Haverfield, Lysle Edward.....	II. <i>Md.</i>	Illinois.
Hawk, John Joseph.....	IV. <i>Lw.</i>	Missouri.
Hayden, Henry W.....	I. <i>C. F.</i>	Missouri.
Heidemann, George H.....	I. <i>C. F.</i>	Missouri.

Heithaus, Claude Henry.....	III. <i>Ar.</i>	Missouri.
Helweg, Sylvester Bernard.....	I. <i>Md.</i>	Missouri.
Helminiak, Mesco Joseph.....	IV. <i>Md.</i>	New York.
Heltzell, Paul D.....	I. <i>C. F.</i>	Missouri.
Helwig, Sylvester Bernard.....	I. <i>Md.</i>	Illinois.
Henderson, Charles R.....	I. <i>C. F.</i>	Missouri.
Henke, Helen A.....	I. <i>C. F.</i>	Missouri.
Henrich, Lawrence Edmund.....	II. <i>Md.</i>	South Dakota.
Henske, William Conrad.....	III. <i>Md.</i>	Missouri.
Hermann, Ewald Emil.....	III. <i>Md.</i>	Illinois.
Heun, Charles.....	I. <i>C. F.</i>	Missouri.
Heun, John J.....	I. <i>C. F.</i>	Missouri.
Hewitt, Benjamin Roller.....	II. <i>Md.</i>	California.
Hickey, Francis J.....	I. <i>C. F.</i>	Missouri.
Higgins, James Edward.....	II. <i>Lw.</i>	Missouri.
Higgins, William Stephen.....	III. <i>Dn.</i>	Washington.
High, Charles E.....	I. <i>C. F.</i>	Missouri.
Hillner, Alphonse A.....	II. <i>C. F.</i>	Missouri.
Hindenach, Leo Albert.....	II. <i>Dn.</i>	Kansas.
Hohman, Rev. Leonard Henry.....	IV. <i>Dv.</i>	Ohio.
Hofman, Victor.....	I. <i>Dn.</i>	Missouri.
Hofmeister, Rudolph.....	IV. <i>Md.</i>	Missouri.
Hogancamp, Hugh Jackson.....	III. <i>Dn.</i>	Kentucky.
Holestine, Edward Vernon.....	I. <i>P. M.</i>	Kentucky.
Holland, Frank Osborn.....	II. <i>Dn.</i>	Kansas.
Hollingsworth, Paul Royalty.....	II. <i>Dn.</i>	Missouri.
Holmes, Mansell Burl.....	II. <i>Md.</i>	Missouri.
Hoogstraet, Rudolph William.....	III. <i>Lw.</i>	Missouri.
Horn, Bernard Anthony.....	III. <i>Ph.</i>	Ohio.
Hornback, Edward R.....	II. <i>Md.</i>	Missouri.
Houlihin, Aloysius L.....	I. <i>C. F.</i>	Missouri.
House, Bert.....	I. <i>Dn.</i>	Illinois.
Houser, William Fred.....	II. <i>Ph.</i>	Illinois.
Howard, Stanley Proctor.....	II. <i>Md.</i>	Missouri.
Hrdlicka, Victor Emanuel.....	II. <i>P. M.</i>	Missouri.
Hughes, Edward Ted.....	II. <i>Dn.</i>	Illinois.

Hughes, George Bernard.....	I. <i>Dn.</i>	Illinois.
Humphries, Paul Ambrose.....	II. <i>Md.</i>	Illinois.
Huwe, Henry John.....	I. <i>Dv.</i>	Illinois.
Hyatt, William Taylor.....	II. <i>Md.</i>	Missouri.
Jacobi, Joseph William.....	I. <i>Ph.</i>	Indiana.
Jacobs, George Dyas.....	II. <i>Dn.</i>	Oklahoma.
Jacobs, Richard Nicholas.....	II. <i>Md.</i>	Montana.
Jaekel, Clarence.....	IV. <i>Md.</i>	Michigan.
Jaeger, Frank William.....	III. <i>Dn.</i>	Missouri.
Jaffe, Lawrence Lewis.....	III. <i>Dn.</i>	Connecticut.
Jaglowicz, Frances Joseph.....	I. <i>Ph.</i>	Canada.
Jakubec, Andrew C.....	II. <i>P. M.</i>	Ohio.
Jeffries, Roy Randolph.....	III. <i>Md.</i>	Iowa.
Jenkins, James T.....	II. <i>Md.</i>	Illinois.
Joenk, Walter Peter.....	II. <i>Dn.</i>	Missouri.
Johns, George A.....	II. <i>Lw.</i>	Missouri.
Johnston, Earle M.....	I. <i>C. F.</i>	Missouri.
Joliat, Joseph Sebastian.....	III. <i>Dv.</i>	Ohio.
Jollain, Rev. Japheth Stanislaus.....	IV. <i>Dv.</i>	Italy.
Jones, Adam Henry.....	IV. <i>Lw.</i>	Missouri.
Jones, Culver Harold.....	I. <i>P. M.</i>	Illinois.
Jones, Joshua Everett.....	II. <i>Dn.</i>	Missouri.
Jones, Wm. Raymond.....	I. <i>Md.</i>	Kansas.
Joseph, George Earl.....	IV. <i>Md.</i>	Illinois.
Jost, Arthur Henry.....	II. <i>Md.</i>	Missouri.
Kaczmarek, Francis Anthony.....	II. <i>Ph.</i>	Wisconsin.
Kammann, Albert Frederick.....	III. <i>Lw.</i>	Missouri.
Kamp, Henry John.....	II. <i>Dn.</i>	Missouri.
Kane, Terence T.....	II. <i>Dv.</i>	Illinois.
Kavanagh, Alfred.....	II. <i>Md.</i>	California.
Kaski, John J.....	I. <i>C. F.</i>	Missouri.
Keenoy, Francis Patrick.....	II. <i>Ph.</i>	Missouri.
Kehoe, Horace Dean.....	I. <i>Dn.</i>	Iowa.
Keily, Maurice.....	I. <i>C. F.</i>	Missouri.
Keller, Gus V.....	II. <i>C. F.</i>	Missouri.
Kelly, Arthur Joseph.....	III. <i>Ph.</i>	Illinois.

Kelly, Edward Mortimer.....	I. <i>Ph.</i>	Wisconsin.
Keller, Arthur E.....	I. <i>C. F.</i>	Missouri.
Kelly, Stephen Edward.....	II. <i>Arts.</i>	Missouri.
Kelly, Thomas Aloysius.....	III. <i>Dv.</i>	Illinois.
Kemp, Ernest Ward.....	II. <i>Lw.</i>	Missouri.
Kemper, Anita P.....	I. <i>C. F.</i>	Missouri.
Kennedy, Francis Healy.....	I. <i>Lw.</i>	Missouri.
Kennedy, Thomas Robert.....	IV. <i>Md.</i>	Indiana.
Kennedy, William Arthur.....	III. <i>Dn.</i>	Oklahoma.
Kerper, Alver Hubert.....	III. <i>Md.</i>	Iowa.
Kiley, George Edward.....	II. <i>Ph.</i>	Illinois.
Kiely, Michael Joseph.....	III. <i>Lw.</i>	Missouri.
Kilfoy, Edward J.....	II. <i>Md.</i>	Iowa.
Kilian, John Aloysius.....	I. <i>Dv.</i>	Germany.
Kilker, Clarence Howard.....	IV. <i>Md.</i>	Illinois.
Killacky, Urban Hugo.....	III. <i>Dv.</i>	Illinois.
Kirchmer, Clara.....	I. <i>C. F.</i>	Missouri.
Kienzle, George J.....	I. <i>C. F.</i>	Missouri.
Kindorf, William A.....	III. <i>C. F.</i>	Missouri.
King, William.....	I. <i>Lw.</i>	Missouri.
Kircheis, William T.....	II. <i>C. F.</i>	Missouri.
Kirkwood, Elmer Earl.....	IV. <i>Md.</i>	Missouri.
Klein, Franz William.....	I. <i>P. M.</i>	Missouri.
Knierim, George Edward.....	II. <i>Lw.</i>	Missouri.
Koeb, Roland Anthony.....	II. <i>P. M.</i>	Missouri.
Koeneke, Thomas B.....	II. <i>C. F.</i>	Missouri.
Kohler, Eugene Jacob.....	II. <i>P. M.</i>	Missouri.
Komen, Max L.....	II. <i>C. F.</i>	Missouri.
Koplo, Ben.....	II. <i>Dn.</i>	Missouri.
Korfmacher, William C.....	I. <i>Ar.</i>	Missouri.
Kotkis, Alexander Joseph.....	II. <i>Md.</i>	Pennsylvania.
Kramer, Arthur Elmer.....	II. <i>Md.</i>	Illinois.
Krekeler, Edmund Herman.....	II. <i>Dn.</i>	Illinois.
Kretschmere, Joseph Clemens.....	III. <i>Lw.</i>	Missouri.
Krieger, Edgar H.....	I. <i>C. F.</i>	Missouri.
Kriegshauser, Walter G.....	III. <i>C. F.</i>	Missouri.

Krikorian, Khoren Andrews.....	II. <i>P. M.</i>	Missouri.
Krill, Emil.....	I. <i>C. F.</i>	Missouri.
Kuenzel, Anthony Robert.....	III. <i>Dv.</i>	Missouri.
Krost, Rev. John Grover.....	IV. <i>Dv.</i>	Indiana.
Kuzuhara, Taihei.....	III. <i>Dn.</i>	Japan.
Kyle, Raymond Albert.....	II. <i>Dn.</i>	Illinois.
Lahr, Norbert John.....	II. <i>Dn.</i>	Minnesota.
Lahrmann, William A.....	I. <i>C. F.</i>	Missouri.
Lam, Frederick W. K.....	III. <i>Md.</i>	Hawaii.
Lamb, Robert Aloysius.....	I. <i>Md.</i>	Illinois.
Lane, Mary L.....	II. <i>C. F.</i>	Missouri.
Lang, William Cormac.....	I. <i>P. M.</i>	Missouri.
Langenfeld, Samuel S.....	I. <i>C. F.</i>	Missouri.
Lavender, Walter Antoine.....	II. <i>Md.</i>	Missouri.
Larkin, Martin James.....	IV. <i>Md.</i>	Ohio.
Law, Raymond Edward.....	II. <i>Lw.</i>	Missouri.
Lawler, Walter Emmett.....	I. <i>P. M.</i>	Missouri.
Lawson, John D.....	III. <i>Md.</i>	California.
Lawon, Thomas Patrick.....	IV. <i>Md.</i>	Missouri.
Le Beuf, Louis Napoleon.....	III. <i>Dn.</i>	Ontario.
Lee, George Raymond.....	II. <i>P. M.</i>	Kansas.
Leeper, Frank Robert.....	III. <i>Dn.</i>	Illinois.
Leight, William.....	I. <i>P. M.</i>	Missouri.
Leiker, Francis James.....	II. <i>P. M.</i>	Kansas.
Lembeck, Joseph Alphonse.....	I. <i>P. M.</i>	Missouri.
Lenaghan, Robert Thomas.....	I. <i>Md.</i>	Iowa.
Leon, Alfonso.....	III. <i>Dn.</i>	Columbia,S.A.
Leonard, Ferdinand A.....	III. <i>C. F.</i>	Missouri.
Levy, Samuel.....	I. <i>C. F.</i>	Missouri.
Lilly, Warren Constantine.....	III. <i>Ph.</i>	Kentucky.
Lindeman, Carl Henry.....	I. <i>P. M.</i>	Indiana.
Lindsley, Edwin B.....	I. <i>C. F.</i>	Missouri.
Linek, Henry.....	I. <i>Dn.</i>	Missouri.
Lippold, John.....	II. <i>Dn.</i>	Iowa.
Lind, Margaret F.....	I. <i>C. F.</i>	Illinois.
Lockwood, Frank Drake.....	III. <i>Dn.</i>	Illinois.

Long, George R.....	I. C. F.....	Missouri.
Lonneux, Martin Joseph.....	I. Dv.....	Belgium.
Lorenzen, Walther A. F.....	I. P. M.....	Missouri.
Lynam, Thomas James.....	III. Ph.....	Missouri.
Lynch, Eugene Henry.....	IV. Md.....	California.
Lynch, Joseph H.....	II. C. F.....	Missouri.
McAllister, Glenn.....	III. Dn.....	Iowa.
McAstocker, John Chester.....	III. Dv.....	Canada.
McCabe, Bessie E.....	I. C. F.....	Missouri.
McCarthy, Joseph Anthony.....	III. Lw.....	Missouri.
McCarthy, Paul Vincent.....	II. P. M.....	South Dakota.
McCarthy, Raphael Charles.....	II. Dv.....	Michigan.
McCormick, Clarence Ignatius.....	IV. Md.....	Missouri.
McCoy, Bernard William.....	II. P. M.....	Iowa.
McCracken, William Arthur.....	II. Dn.....	Illinois.
McCutchen, Paul.....	III. Dn.....	Missouri.
McDermott, Hugh Thomas.....	III. Dn.....	Illinois.
McDonough, Michael J.....	I. C. F.....	Missouri.
McGalloway, George Edward.....	II. Ph.....	Wisconsin.
McGrath, John W.....	III. Md.....	Iowa.
McGrath, Philip.....	I. C. F.....	Missouri.
McInerny, Francis I.....	I. Ar.....	Missouri.
McInerny, John Joseph.....	I. Ph.....	Missouri.
McInerny, Martin T.....	IV. Ar.....	Missouri.
McIntyre, William Kress.....	II. P. M.....	Ohio.
McLean, W. A.....	I. C. F.....	Missouri.
McMahon, Alphonse.....	IV. Md.....	Missouri.
McMahon, Joseph F.....	I. C. F.....	Missouri.
McNamee, Owen James.....	III. Md.....	Missouri.
McNulty, George Albert.....	II. Ar.....	Missouri.
McQuillan, Eugene Albert.....	IV. Md.....	Illinois.
McShane, Gerald Stone.....	III. Md.....	Wisconsin.
McTigue, Hugh Hubert.....	I. Md.....	Ohio.
Mabrey, Newell.....	I. Dn.....	Illinois.
Macke, Francis Joseph.....	I. Ph.....	Ohio.
Mackinaw, Emma, Mrs.....	I. C. F.....	Missouri.

Mackler, Jacob A.....	II. <i>Lw.</i>	Missouri.
Magee, William Michael.....	I. <i>Dv.</i>	Illinois.
Maguire, Clarence.....	III. <i>Lw.</i>	Missouri.
Maher, Edward Francis.....	III. <i>Ph.</i>	Illinois.
Mahowald, Aloys.....	III. <i>Md.</i>	Minnesota.
Maley, Justin John.....	III. <i>Dn.</i>	Iowa.
Maliff, Jesse.....	I. <i>Dn.</i>	Illinois.
Mallick, George Rudolph.....	III. <i>Dn.</i>	North Dakota.
Maloney, John James.....	II. <i>Md.</i>	Ohio.
Mankowski, Max George.....	III. <i>Ph.</i>	Poland.
Manning, Francis J.....	I. <i>Lw.</i>	Missouri.
Manning, Robert Emmett.....	I. <i>Ph.</i>	Ohio.
Mantler, Leo.....	I. <i>C. F.</i>	Missouri.
Marchand, John.....	I. <i>P. M.</i>	Missouri.
Marinovich, Peter.....	III. <i>Ar.</i>	California.
Markert, Albert John.....	III. <i>Dn.</i>	Illinois.
Markert, Genevieve.....	I. <i>C. F.</i>	Illinois.
Martin, Donald David.....	III. <i>Md.</i>	Illinois.
Maruska, Edwin J.....	I. <i>C. F.</i>	Missouri.
Maslanka, Thaddeus R.....	I. <i>Ar.</i>	Missouri.
Massey, William L.....	I. <i>C. F.</i>	Missouri.
Matoushek, Joseph.....	I. <i>Dv.</i>	Missouri.
Matteson, William J.....	I. <i>C. F.</i>	Missouri.
Matthews, R. C.....	II. <i>C. F.</i>	Missouri.
Maul, Theodore A.....	II. <i>C. F.</i>	Missouri.
Maurer, Frederic George.....	III. <i>Md.</i>	Ohio.
Max, Ralph Carter.....	III. <i>Dn.</i>	Missouri.
May, Robert Jameson.....	III. <i>Dn.</i>	Missouri.
Mayer, Leo Loeb.....	I. <i>Md.</i>	Missouri.
Mayfield, Truman M.....	I. <i>P. M.</i>	Missouri.
Mayle, Edward Frank.....	III. <i>Dn.</i>	Ohio.
Mead, Victor Ray.....	II. <i>Dn.</i>	Missouri.
Meara, Francis Patrick.....	I. <i>Lw.</i>	Missouri.
Medler, Edward A., Jr.....	I. <i>P. M.</i>	Missouri.
Medler, Francis John.....	II. <i>P. M.</i>	Missouri.
Meinhardt, Victor.....	II. <i>Md.</i>	Missouri.

Melchiors, Joseph Peter.....	I. <i>Ph.</i>	Wisconsin.
Mendelson, Nat T.....	III. <i>Lw.</i>	Missouri.
Mellen, Cornelius Paul.....	I. <i>Ph.</i>	Indiana.
Mentag, Joseph Paul.....	I. <i>Dv.</i>	Indiana.
Merkle, Clarence E.....	I. <i>Ar.</i>	Illinois.
Meskeil, James Aloysius.....	I. <i>Dv.</i>	Illinois.
Michalak, Joseph.....	IV. <i>Md.</i>	Kansas.
Miller, Blaine.....	I. <i>Dn.</i>	Iowa.
Miller, Edmund C.....	I. <i>Eng.</i>	Missouri.
Miller, Jesse.....	III. <i>Dn.</i>	Missouri.
Miller, Louis E.....		Kentucky.
Miller, Thomas W.....	I. <i>Ar.</i>	Illinois.
Mitchell, Wm. Frank.....	II. <i>Md.</i>	Missouri.
Moldafsky, Jacob Morris.....	III. <i>Lw.</i>	Missouri.
Moll, Nathaniel Joseph.....	II. <i>Lw.</i>	Missouri.
Moloney, James Clark.....	I. <i>P. M.</i>	Michigan.
Monaghan, Willis Arthur.....	III. <i>Md.</i>	Kansas.
Monell, Henry Shaw.....	III. <i>Dn.</i>	Missouri.
Moomaw, Ora.....	I. <i>Dn.</i>	Illinois.
Moore, Eugene F.....	II. <i>P. M.</i>	Illinois.
Moore, Francis Xavier.....	I. <i>Ar.</i>	Illinois.
Moore, Rev. Thomas Joseph.....	IV. <i>Dv.</i>	Illinois.
Mootz, John Peter.....	III. <i>Dv.</i>	Kansas.
Moran, Thomas Joseph.....	I. <i>P. M.</i>	Illinois.
Morgan, Edward Joseph.....	I. <i>Dv.</i>	Wisconsin.
Moriarty, John.....	I. <i>Dn.</i>	Ohio.
Moore, Clifford L.....	I. <i>C. F.</i>	Missouri.
Moore, Harriet M.....	I. <i>C. F.</i>	Missouri.
Morris, Arthur H.....	I. <i>C. F.</i>	Missouri.
Morton, Wilfred Hugh.....	III. <i>Dn.</i>	Missouri.
Moss, Merton Carl.....	III. <i>Md.</i>	Missouri.
Motzel, Albert J.....	Sp. <i>C. F.</i> , II. <i>Md.</i>	Missouri.
Mudd, Randolph.....	I. <i>Ar.</i>	Missouri.
Mueller, Edwin Leo.....	II. <i>Md.</i>	Texas.
Mueller, Henry A.....	I. <i>C. F.</i>	Missouri.
Muenzer, Arnold Alfred.....	I. <i>P. M.</i>	Ohio.

Murdoch, Charles H.....	III. <i>C. F.</i>	Missouri.
Murphy, Andrew Joseph.....	I. <i>Lw.</i>	Missouri.
Murphy, Russell William.....	II. <i>Lw.</i>	Missouri.
Murphy, Clarence Richard.....	III. <i>Dn.</i>	New York.
Murphy, George Clement.....	IV. <i>Md.</i>	Iowa.
Murphy, John Thomas.....	III. <i>Dn.</i>	Illinois.
Murphy, Joseph Patrick.....	II. <i>Md.</i>	Missouri.
Murphy, Joseph Edward.....	I. <i>Eng.</i>	Missouri.
Murphy, P. Francis.....	III. <i>Md.</i>	California.
Murphy, William John.....	I. <i>Ph.</i>	Ohio.
Murray, Bernard Joseph.....	I. <i>Dv.</i>	Colorado.
Murrin, John Owen.....	II. <i>Md.</i>	Missouri.
Myles, George A.....	I. <i>C. F.</i>	Missouri.
Naert, Alfonso Leo.....	II. <i>Dn.</i>	Missouri.
Neu, Bernard Anthony.....	II. <i>Dv.</i>	New York.
Neubeiser, Joseph Benedict.....	III. <i>Md.</i>	Missouri.
Neuman, Ralph B.....	I. <i>C. F.</i>	Missouri.
Neumann, Clemens M. P.....	I. <i>C. F.</i>	Missouri.
Neumayer, John M.....	III. <i>C. F.</i>	Missouri.
Neun, William Frederic.....	IV. <i>Md.</i>	Missouri.
Noonan, John Aloysius.....	II. <i>Ph.</i>	Ireland.
Novotny, Edward Joseph.....	II. <i>Md.</i>	Ohio.
Norris, Clarence Edward.....	III. <i>Dn.</i>	Illinois.
Novotny, Gracian.....	II. <i>C. F.</i>	Missouri.
Nunn, J. B.....	II. <i>C. F.</i>	Missouri.
Nye, William Rolla.....	II. <i>Md.</i>	Missouri.
O'Brien, Joseph Edward.....	III. <i>Dv.</i>	Iowa.
Ochs, Frank August.....	II. <i>Dn.</i>	Illinois.
O'Connell, Rev. Daniel Michael.....	IV. <i>Dv.</i>	Kentucky.
O'Connell, Patrick B.....	IV. <i>Md.</i>	Minnesota.
O'Connor, Eugene Joseph.....	I. <i>Dv.</i>	Georgia.
O'Connor, Harold.....	I. <i>P. M.</i>	Iowa.
O'Day, John.....	II. <i>Md.</i>	Montana.
O'Donnell, Francis Joseph.....	III. <i>Md.</i>	Michigan.
Omar, Hassan.....	IV. <i>Md.</i>	Egypt.
Ohmer, Charles F.....	I. <i>Lw.</i>	Missouri.

Oldeg, Leonard L.....	II. <i>Lw.</i>	Missouri.
O'Neill, John Rudolph.....	III. <i>Md.</i>	California.
Oppenheimer, Eugene.....	I. <i>C. F.</i>	Missouri.
Oppenheimer, Harry L.....	Sp. <i>C. F.</i>	Missouri.
Oppenheimer, Karl D.....	I. <i>C. F.</i>	Missouri.
O'Regan, James Joseph.....	I. <i>Dv.</i>	Illinois.
O'Neill, Patrick F.....	I. <i>C. F.</i>	Missouri.
O'Toole, Charles M.....	I. <i>C. F.</i>	Missouri.
Ottenad, Herman J.....	I. <i>C. F.</i>	Missouri.
Ottenad, Rene C.....	I. <i>C. F.</i>	Missouri.
Owen, Lenna Bryan.....	III. <i>Dn.</i>	Kentucky.
de Penaloza, Eugene.....	II. <i>Ar.</i>	Missouri.
Palmer, Mark Edward.....	III. <i>Dn.</i>	Iowa.
Parkhill, Homer L.....	II. <i>P. M.</i>	Illinois.
Paruzynski, William Francis.....	II. <i>Dv.</i>	Wisconsin.
Pasch, Ira Clarence.....	III. <i>Dn.</i>	Missouri.
Paul, Gustav H.....	I. <i>C. F.</i>	Missouri.
Pecaut, Elvus Jerome.....	III. <i>Dn.</i>	Missouri.
Peitz, Theodore Francis.....	II. <i>Ph.</i>	Missouri.
Penaat, William Henry.....	II. <i>Lw.</i>	Missouri.
Pepple, Glyde Joseph.....	III. <i>Dn.</i>	Illinois.
Perk, Lawrence Michael.....	II. <i>Ph.</i>	Missouri.
Peters, Leah H.....	I. <i>C. F.</i>	Missouri.
Pfeffer, Francis J.....	II. <i>Ar.</i>	Missouri.
Phee, Martin Joseph.....	I. <i>Dv.</i>	Illinois.
Peth, Arthur William.....	I. <i>Lw.</i>	Missouri.
Pickett, John Wilber (now deceased),	III. <i>Dn.</i>	Missouri.
Piekarski, Anthony Andrew.....	II. <i>P. M.</i>	Missouri.
Piekenbrock, Frank James.....	III. <i>Md.</i>	Iowa.
Pitzer, Edwin J.....	II. <i>C. F.</i>	Missouri.
Ploussard, Charles Nicholas.....	I. <i>Md.</i>	Illinois.
Poncot, Wallace Louis.....	II. <i>P. M.</i>	Missouri.
Pope, William Harrison.....	II. <i>Lw.</i>	Illinois.
Porth, Edgar.....	III. <i>Dn.</i>	Missouri.
Posen, Edward A.....	III. <i>C. F.</i>	Missouri.

Powell, George McArdle.....	II. <i>Md.</i>	Missouri.
Powell, Rudolph Virchow.....	IV. <i>Md.</i>	Missouri.
Powell, Wilbur Samuel.....	II. <i>P. M.</i>	Missouri.
Powers, Francis Edmund.....	IV. <i>Md.</i>	Iowa.
Powers, Thomas Joseph.....	III. <i>Ph.</i>	Kentucky.
Preece, Wade Owen.....	I. <i>Md.</i>	Nebraska.
Preuss, Rev. James.....	IV. <i>Dv.</i>	Missouri.
Price, Frank X.....	II. <i>C. F.</i>	Missouri.
Proctor, John C.....	II. <i>Dn.</i>	Illinois.
Prywitch, Saul.....	I. <i>C. F.</i>	Illinois.
Puhl, Louis James.....	II. <i>Dv.</i>	Ohio.
Puster, Alvin A.....	II. <i>C. F.</i>	Missouri.
Pylant, Kelsie Otto.....	II. <i>Dn.</i>	Arkansas.
Quinn, Clara E.....	I. <i>C. F.</i>	Missouri.
Quinn, Francis Berchmans.....	III. <i>Md.</i>	California.
Quinn, Josephine H.....	I. <i>C. F.</i>	Missouri.
Quinn, Thomas.....	I. <i>C. F.</i>	Missouri.
Quirin, Warren Sylvester.....	II. <i>Md.</i>	Missouri.
Rabitt, Helen A.....	II. <i>C. F.</i>	Missouri.
Ramognino, Michael Angelo.....	III. <i>Dv.</i>	Argentine.
Ratajczak, John Sebastian.....	I. <i>Ph.</i>	Illinois.
Ratican, William A., Jr.....	I. <i>Lw.</i>	Missouri.
Rauch, Bernard A.....	I. <i>Eng.</i>	Missouri.
Rauh, Rose M.....	I. <i>C. F.</i>	Missouri.
Rawleigh, George Nelson.....	II. <i>P. M.</i>	Kentucky.
Reardon, Francis A.....	I. <i>C. F.</i>	Missouri.
Reardon, Julia.....	I. <i>C. F.</i>	Missouri.
Rechtern, Ralph H.....	II. <i>Ar.</i>	Missouri.
Reed, James E.....	I. <i>C. F.</i>	Missouri.
Reel, William George.....	I. <i>Lw.</i>	Missouri.
Regnet, Henry Herman.....	II. <i>Dv.</i>	New York.
Rehm, Edgar Francis.....	III. <i>Dn.</i>	Missouri.
Reilly, Thomas Francis.....	II. <i>P. M.</i>	Missouri.
Reilly, Ignatius Thomas.....	III. <i>Dv.</i>	Missouri.
Rejent, Anthony Joseph.....	II. <i>Md.</i>	Wisconsin.
Remley, Edmund Benedict.....	II. <i>Dn.</i>	Minnesota.

Renard, Joseph.....	IV. <i>Lw.</i>	Minnesota.
Reno, George Louis.....	III. <i>Ph.</i>	Michigan.
Reynolds, Thomas Emmett.....	III. <i>Ph.</i>	Illinois.
Riess, Fred W.....	III. <i>C. F.</i>	Missouri.
Rigor, Albert Ernest.....	II. <i>Dn.</i>	Illinois.
Riley, Philip Arthur.....	II. <i>Md.</i>	Michigan.
Riordan, Lawrence Michael.....	IV. <i>Md.</i>	Missouri.
Ringo, Henry Jobe.....	I. <i>Md.</i>	Missouri.
Rinsche, Herman Joseph.....	III. <i>Dv.</i>	Argentine.
Rippe, Martin Theodore.....	II. <i>Dn.</i>	Missouri.
Rhoades, Reuben Roy.....	III. <i>Dn.</i>	Missouri.
Roberts, Louis Sidney.....	III. <i>Md.</i>	Kentucky.
Rogers, Henry E.....	I. <i>C. F.</i>	Missouri.
Rooney, Rickard Robert.....	III. <i>Dv.</i>	Michigan.
Rosecan, Harry P.....	III. <i>Lw.</i>	Missouri.
Ross, Radford.....	I. <i>P. M.</i>	Idaho.
Rosenfeld, Henry.....	III. <i>Md.</i>	Missouri.
Rotchford, Robert Lee.....	II. <i>Md.</i>	Washington.
Rotchford, Robert L.....	Sp. <i>C. F.</i>	Washington.
Roth, Rudolph Peter.....	I. <i>P. M.</i>	Kansas.
Rothweiler, G. J.....	I. <i>C. F.</i>	Missouri.
Rotter, Edmund A.....	I. <i>C. F.</i>	Missouri.
Rouveyrol, Fred J.....	II. <i>C. F.</i>	Missouri.
Ryan, Earle Vincent.....	II. <i>Dn.</i>	Illinois.
Ryan, James Joseph.....	III. <i>Dv.</i>	New Jersey.
Ryan, John F.....	II. <i>C. F.</i>	Missouri.
Ryan, John L.....	I. <i>C. F.</i>	Missouri.
Ryan, Oliver J.....	I. <i>C. F.</i>	Missouri.
Ryan, O'Neill.....	III. <i>Ar.</i>	Missouri.
Ryan, William Aloysius.....	II. <i>Dv.</i>	Ohio.
Rudloff, Martin A.....	I. <i>C. F.</i>	Missouri.
Ruffing, Olivia A.....	I. <i>C. F.</i>	Missouri.
Rutledge, John Frederick.....	III. <i>Md.</i>	Missouri.
Rutledge, Richard Martin.....	II. <i>Md.</i>	Missouri.
Ruwwe, George Henry.....	I. <i>Dn.</i>	Missouri.
Ruyle, John B.....	III. <i>Dn.</i>	Illinois.

Sach-Rowitz, Alvin.....	II. <i>Md.</i>	Missouri.
Sachse, Douglas Christian.....	III. <i>Lw.</i>	Illinois.
Sacro, Alphonse N.....	I. <i>Lw.</i>	Philippine Islands.
Salland, Henry R.....	I. <i>Ar.</i>	Missouri.
Salomo, Ervin A.....	III. <i>Lw.</i>	Missouri.
Salud, Eusebio Buhain.....	III. <i>Md.</i>	Philippines.
Sanders, Edwin C.....	III. <i>Ar.</i>	Missouri.
Sanders, Philip F.....	II. <i>Ar.</i>	Missouri.
Sandbrink, Joseph Henry.....	III. <i>Dn.</i>	Missouri.
Sauer, Earl Joseph.....	I. <i>Md.</i>	Illinois.
Savage, Claude Alphonsus.....	II. <i>Md.</i>	Wisconsin.
Savage, Patrick Francis.....	I. <i>Dv.</i>	Washington.
Sazima, Henry Charles.....	I. <i>Dn.</i>	Ohio.
Schaefer, George J.....	I. <i>Md.</i>	Illinois.
Schaefer, Joseph Francis.....	I. <i>P. M.</i>	Kansas.
Schaefer, Leo Joseph.....	I. <i>Md.</i>	Kansas.
Scherer, Peter Joseph.....	II. <i>Dv.</i>	Indiana.
Scherf, Chrisman George.....	IV. <i>Md.</i>	Missouri.
Schermer, Jake.....	II. <i>P. M.</i>	Illinois.
Schewe, Earl Cranston.....	II. <i>Dn.</i>	Missouri.
Schleper, Henry Joseph.....	IV. <i>Lw.</i>	Missouri.
Schlichter, John Edmond.....	IV. <i>Lw.</i>	Missouri.
Schlieff, Beatrice J.....	I. <i>C. F.</i>	Missouri.
Schleif, Martha S.....	I. <i>C. F.</i>	Missouri.
Schloeman, Daniel J.....	I. <i>Lw.</i>	Missouri.
Schlosser, Francis X.....	I. <i>Lw.</i>	Missouri.
Schmitt, Alphonse Reginald.....	II. <i>Dv.</i>	Ohio.
Schmitt, Oscar Joseph.....	III. <i>Md.</i>	Wisconsin.
Schnakenberg, Fred J.....	III. <i>C. F.</i>	Missouri.
Schnaus, Harry A.....	III. <i>C. F.</i>	Missouri.
Schneider, Arthur A.....	I. <i>Lw.</i> , I. <i>C. F.</i>	Missouri.
Schneider, Charles.....	I. <i>Dn.</i>	Missouri.
Schneider, Nicholas Aloys.....	II. <i>Md.</i>	Missouri.
Schneider, Louis F.....	I. <i>C. F.</i>	Missouri.
Schneider, Vincent Augustine.....	I. <i>P. M.</i>	Missouri.
Schneider, William Louis.....	III. <i>Lw.</i>	Missouri.

Schoen, George R.	I. C. F.	Missouri.
Schoumenoff, Alexander	IV. <i>Lw.</i>	Illinois.
Schroeder, George Philip	II. <i>Dn.</i>	Missouri.
Schreiner, Edward Olin	III. <i>Md.</i>	Missouri.
Schumacher, Henry Cyril	IV. <i>Md.</i>	Nebraska.
Schumaker, Elmer F.	I. C. F.	Missouri.
Schurter, Raymond Joseph	II. <i>P. M.</i>	Canada.
Schwab, Lee Jacob	I. <i>P. M.</i>	Missouri.
Scopilite, Joseph	I. <i>P. M.</i>	Missouri.
Scott, Edith	I. <i>Lw.</i>	Missouri.
Scott, Joseph Leo	III. <i>Ph.</i>	Illinois.
Scott, Walter F.	Sp. C. F.	Missouri.
Scott, William J.	I. C. F.	Missouri.
Sellmeyer, Bernard Leo	I. <i>Ph.</i>	Missouri.
Setzekorn, William Elmer	III. <i>Dn.</i>	Illinois.
Seward, George Ralph	III. <i>Md.</i>	Illinois.
Sewell, Walter Sylvester	II. <i>Md.</i>	Missouri.
Sexton, Elmer Edwin	III. <i>Md.</i>	Illinois.
Seymour, Walter Montague	III. <i>Dv.</i>	Michigan.
Shade, Virgil Edward	IV. <i>Md.</i>	Iowa.
Shamel, William Leonard	III. <i>Dn.</i>	Missouri.
Sharon, James P.	II. <i>P. M.</i>	Iowa.
Shenkel, Albert J.	I. C. F.	Missouri.
Sheridan, James	II. C. F.	Missouri.
Shinneman, Albert	II. <i>Dn.</i>	Missouri.
Shiple, George Joseph	Sp. <i>Ph.</i>	Ohio.
Shoemake, Joseph Alonzo	II. <i>Dn.</i>	Missouri.
Siff, Edward Faville	III. <i>Md.</i>	Missouri.
Signaigo, Edward Charles	III. <i>Dn.</i>	Missouri.
Simon, Jerome	II. <i>Ar.</i>	Missouri.
Sims, Earl	II. <i>Dn.</i>	Illinois.
Singer, Joseph	I. <i>Lw.</i>	Missouri.
Sipchen, George M.	II. <i>Dv.</i>	Michigan.
Smith, Bryan Arthur	I. <i>Md.</i>	Illinois.
Smith, Carl Clifford	II. <i>Md.</i>	Missouri.
Smith, E. A. McDougal	I. <i>P. M.</i>	Missouri.
Smith, Francis John	III. <i>Dv.</i>	Illinois.
Smith, George Louis	II. <i>P. M.</i>	Louisiana.
Smith, James Gerard	I. <i>Ph.</i>	Iowa.

Smith, Justin Clarence.....	II. <i>Dn.</i>	Missouri.
Snider, John W.....	I. <i>C. F.</i>	Missouri.
Snopek, Leonard Lewis.....	II. <i>Dn.</i>	Iowa.
Sofron, Conrad.....	I. <i>C. F.</i>	Missouri.
Sommerhauser, Charles Michael.....	I. <i>Dn.</i>	Kansas.
Sontag, Peter Joseph.....	I. <i>Dv.</i>	Minnesota.
Spresser, Joseph William.....	II. <i>Dn.</i>	Kansas.
Spreen, James O.....	I. <i>C. F.</i>	Missouri.
Spelbrink, Robert I.....	IV. <i>Lw.</i>	Missouri.
Spies, Charles J.....	I. <i>Lw.</i>	Missouri.
Spitzer, Saul.....	III. <i>Lw.</i>	Missouri.
Stadler, Erman.....	II. <i>Md.</i>	Missouri.
Stahlschmidt, Clementine M.....	I. <i>C. F.</i>	Missouri.
Stanford, Vern Bunn.....	III. <i>Md.</i>	Illinois.
Stangler, Albert Joseph.....	II. <i>Lw.</i>	Missouri.
Stankovich, Proka Nicholas.....	III. <i>Lw.</i>	Missouri.
Starke, Calvin Pryor.....	I. <i>P. M.</i>	Missouri.
Starling, William Dewey.....	III. <i>Dn.</i>	Missouri.
Stechschulte, Victor Cyril.....	Sp. <i>Ph.</i>	Ohio.
Stecker, George.....	I. <i>Md.</i>	Arizona.
Steele, Ralph K.....	I. <i>C. F.</i>	Missouri.
Stein, Albert W.....	I. <i>C. F.</i>	Missouri.
Stine, Andrew C.....	II. <i>C. F.</i>	Missouri.
Steinrauf, Harry I.....	I. <i>C. F.</i>	Missouri.
Stepka, Oscar J.....	II. <i>C. F.</i>	Missouri.
Steward, Gus Byron.....	III. <i>Md.</i>	Missouri.
Stilley, Charles Norvin.....	III. <i>Dn.</i>	Illinois.
Stoelzle, Joseph Daniel.....	III. <i>Md.</i>	Illinois.
Strake, George William.....	III. <i>C. F.</i>	Missouri.
Strieb, Frederick Andrew.....	II. <i>Dn.</i>	Missouri.
Stroebel, Walter A.....	II. <i>C. F.</i>	Missouri.
Stroer, Joseph H.....	I. <i>C. F.</i>	Missouri.
Strub, Herbert Joseph.....	IV. <i>Md.</i>	Missouri.
Stuhlmueeller, Clifford.....	I. <i>Md.</i>	Ohio.
Sullivan, Charles Peter.....	II. <i>Dv.</i>	Illinois.
Sullivan, Henry Lawrence.....	III. <i>Ph.</i>	Nebraska.
Sullivan, John Berchenaus.....	I. <i>Lw.</i>	Missouri.
Sullivan, Paul David.....	I. <i>Ph.</i>	Illinois.
Sum, Othmar John.....	II. <i>Md.</i>	Indiana.

Summerlin, Jacob David.....	II. <i>Dn.</i>	Florida.
Taylor, Thomas Robert.....	II. <i>Lw.</i>	Missouri.
Tenge, John J.....	I. <i>C. F.</i>	Missouri.
Tennebaum, William.....	IV. <i>Lw.</i>	Missouri.
Thacher, Arthur W.....	I. <i>Lw.</i>	Missouri.
Thieme, Harry.....	I. <i>P. M.</i>	Missouri.
Thole, John Aloysius.....	III. <i>Dn.</i>	Missouri.
Thornton, Francis H.....	I. <i>Eng.</i>	Missouri.
Thompson, George Elright.....	II. <i>Md.</i>	Kansas.
Thompson, James L.....	I. <i>C. F.</i>	Illinois.
Thornton, Francis Xavier.....	I. <i>P. M.</i>	Missouri.
Thustan, Arthur R.....	I. <i>C. F.</i>	Missouri.
Titterington, Paul Francis.....	III. <i>Md.</i>	Missouri.
Titus, John Raymond.....	III. <i>Dn.</i>	Illinois.
Tobin, Thomas J.....	I. <i>Lw.</i>	Missouri.
Todd, Claud Edgar.....	II. <i>Dn.</i>	Missouri.
Torre, Angel.....	I. <i>C. F.</i>	Missouri.
Towles, Harbard Marvin.....	I. <i>P. M.</i>	Missouri.
Townsend, Charles Edward.....	I. <i>C. F.</i>	Missouri.
Tracy, Eugene D.....	I. <i>C. F.</i>	Missouri.
Tracy, Helen.....	I. <i>C. F.</i>	Illinois.
Tracy, Justin Frank.....	II. <i>P. M.</i>	Missouri.
Travis, Allyn Dale.....	I. <i>P. M.</i>	Illinois.
Traylor, Guy Henry.....	III. <i>Dn.</i>	Illinois.
Tschudy, Clarence.....	I. <i>Dn.</i>	Illinois.
Tucker, Joseph Anthony.....	II. <i>Lw.</i>	Missouri.
Turner, Henry Hubert.....	IV. <i>Md.</i>	Illinois.
Turner, Roxanne.....	I. <i>C. F.</i>	Missouri.
Uetz, John W.....	II. <i>Md.</i>	Wisconsin.
Ulrich, Richard J.....	II. <i>C. F.</i>	Missouri.
Unferfate, John Howard.....	I. <i>Ph.</i>	New York.
Updegraff, Martin O.....	II. <i>C. F.</i>	Missouri.
Usher, John P.....	I. <i>C. F.</i>	Missouri.
Vanfossan, Loy Harold.....	I. <i>Dn.</i>	Illinois.
Van Seghem, Angela F.....	II. <i>C. F.</i>	Missouri.
Vessels, Francis Meredith.....	III. <i>Dn.</i>	Missouri.
Vien, H. Grady.....	I. <i>Lw.</i>	Illinois.
Vitt, Edwin F.....	I. <i>P. M.</i>	Missouri.
Vize, James Leroy.....	III. <i>Dn.</i>	Kentucky.

Voelker, Perry L.....	I. <i>Lw.</i>	Missouri.
Vogel, Edward Bernard.....	III. <i>Md.</i>	Ohio.
Vogler, Charles C.....	I. <i>C. F.</i>	Missouri.
Vonachen, Harold Albert.....	II. <i>P. M.</i>	Illinois.
Vozniak, Vincent.....	I. <i>C. F.</i>	Missouri.
Wachowiak, Marion.....	I. <i>Md.</i>	Missouri.
Wagner, Raymond R.....	I. <i>Ar.</i>	Missouri.
Wall, Catherine B.....	II. <i>C. F.</i>	Missouri.
Walsh, Gerald Patrick.....	I. <i>Ph.</i>	Wisconsin.
Walsh, James Francis.....	II. <i>Dv.</i>	Wisconsin.
Walsh, Raymond Bernard.....	III. <i>Ph.</i>	Indiana.
Walters, William Huey.....	III. <i>Md.</i>	Illinois.
Walton, Thomas Bardon.....	II. <i>P. M.</i>	Missouri.
Walsh, Robert P.....	I. <i>Ar.</i>	Missouri.
Walz, August Frederick.....	III. <i>Dn.</i>	Missouri.
Wand, Rev. Augustine Christopher.....	IV. <i>Dv.</i>	Wisconsin.
Ward, Clarence Vincent.....	IV. <i>Md.</i>	Illinois.
Warner, Edwin Morton.....	I. <i>Md.</i>	Illinois.
Warner, Robert Gail.....	I. <i>Md.</i>	Illinois.
Warner, Thomas L.....	Sp. <i>C. F.</i>	Missouri.
Wasinger, Joseph Peter.....	I. <i>P. M.</i>	Kansas.
Wasserman, Louis.....	I. <i>C. F.</i>	Missouri.
Waters, Orley Morton.....	III. <i>Md.</i>	Illinois.
Webb, Paul Benedict.....	II. <i>Md.</i>	Ohio.
Wedel, Carl.....	I. <i>Dn.</i>	Illinois.
Weger, Carl Carson.....	II. <i>Md.</i>	Illinois.
Weedin, James Erwin.....	III. <i>Dn.</i>	Missouri.
Weinberg, Solomon.....	I. <i>Dn.</i>	Missouri.
Weindel, Clarence A.....	I. <i>Lw.</i>	Missouri.
Weisenberg, Edward Joseph.....	III. <i>Ph.</i>	Illinois.
Weisenhorn, Carl M.....	II. <i>Dv.</i>	Illinois.
Weiss, Bertha A.....	I. <i>C. F.</i>	Missouri.
Weisstein, Saul.....	III. <i>Dn.</i>	Missouri.
Welch, Edward Aloysius.....	IV. <i>Md.</i>	Ohio.
Welsh, John Edward.....	III. <i>Md.</i>	Illinois.
Weltmer, Silas Woodson.....	II. <i>Md.</i>	Missouri.
Wendt, Frederick August.....	IV. <i>Lw.</i>	Missouri.
Wenige, Carl Joseph.....	III. <i>Dn.</i>	Missouri.
Weston, Claude LaVerne.....	II. <i>Md.</i>	Illinois.

Westphaelinger, Henry.....	IV. <i>Md.</i>	Illinois.
White, Homer Franklin.....	III. <i>Md.</i>	Missouri.
White, Orville Oscar.....	II. <i>Md.</i>	Illinois.
White, Victor Vincent.....	II. <i>Dv.</i>	California.
Whipple, Gertrude.....	I. <i>C. F.</i>	Missouri.
White, Benedict Edward.....	III. <i>Lw.</i>	Missouri.
Whittaker, Richard J.....	II. <i>C. F.</i>	Missouri.
Wicecarver, Luther Otto.....	III. <i>Dn.</i>	Missouri.
Widger, Floyd Elam.....	I. <i>P. M.</i>	Illinois.
Wiegel, Ralph E.....	I. <i>C. F.</i>	Missouri.
Wiemeyer, Charles Henry.....	I. <i>P. M.</i>	Missouri.
Wigge, Theodore S.....	I. <i>C. F.</i>	Missouri.
Wilcox, Claude Vernon.....	II. <i>Md.</i>	Illinois.
Wilhelm, Louis F. X.....	III. <i>Md.</i>	Missouri.
Wilhelmj, Charles Martell.....	II. <i>Md.</i>	Illinois.
Willett, Edgar E.....	I. <i>Eng.</i>	Missouri.
Williams, George Cornelius.....	I. <i>Dn.</i>	Missouri.
Williams, Leroy.....	III. <i>Dn.</i>	Missouri.
Wilson, Charles W.....	I. <i>C. F.</i>	Missouri.
Wilson, Frank H.....	II. <i>C. F.</i>	Missouri.
Wilson, Fred K.....	I. <i>P. M.</i>	Missouri.
Wilson, Harry Irwin.....	III. <i>Dn.</i>	Iowa.
Wilson, Horace Bertram.....	I. <i>Md.</i>	California.
Wilson, Kenneth Milton.....	I. <i>Dn.</i>	Illinois.
Wilson, Murrell.....	I. <i>Lw.</i>	Missouri.
Wilson, William Edgar.....	II. <i>Dn.</i>	Illinois.
Winkler, George Carl.....	I. <i>Md.</i>	Illinois.
Winslow, Willis D.....	III. <i>Dn.</i>	Kansas.
Wipfler, Rose C.....	I. <i>C. F.</i>	Missouri.
Wolf, Julia Barbara.....	II. <i>C. F.</i>	Missouri.
Woolard, George William.....	III. <i>Dn.</i>	Illinois.
Woolsey, Thomas Gilbert.....	III. <i>Lw.</i>	Missouri.
Wyss, Emert L.....	II. <i>Lw.</i>	Illinois.
Young, William John.....	II. <i>Dv.</i>	Illinois.
Ziccardi, Rev. Felix Stanislaus.....	IV. <i>Dv.</i>	Italy.
Zieglmeyer, John Simon.....	I. <i>Md.</i>	Missouri.
Zittel, Charles Edwin.....	II. <i>P. M.</i>	Ohio.
Zoule, Joseph Leonard.....	I. <i>Dn.</i>	Ohio.
Zozaya, Jose.....	II. <i>P. M.</i>	Mexico.
Zurlinden, Edgar John.....	II. <i>Dv.</i>	Ohio.

Summary by Countries and States

Alabama	1	Louisiana	4
Alsace	1	Maryland	1
Argentina	2	Mexico	2
Arizona	2	Michigan	13
Arkansas	3	Minnesota	10
Belgium	2	Missouri	552
California	18	Montana	3
Canada	4	Nebraska	6
Colorado	6	New Jersey	1
Columbia, S. A.....	1	New York	8
Connecticut	1	North Dakota	3
England	1	Ohio	58
Egypt	1	Oklahoma	3
Florida	1	Ontario	2
Georgia	4	Pennsylvania	2
Germany	1	Philippine Islands	2
Hawaii	1	Poland	1
Idaho	2	Salvador, C. A.....	1
Illinois	162	South Dakota	3
Indiana	14	Spain	1
Iowa	37	Texas	4
Ireland	1	Utah	1
Italy	3	Washington	5
Japan	1	Wisconsin	23
Kansas	27	High Schools of St. L. U...	520
Kentucky	10	Total.....	1945

United States1916
 Foreign Countries 29

States Represented 31
 Foreign Countries 18

Students Army Training Corps

The Students' Army Training Corps inaugurated at St. Louis University, October 1, 1918, formed part of the extensive military system advocated and supported by the United States Government for the purpose of securing officers and technical experts for both Army and Navy. St. Louis University responded promptly and loyally to the clear wish of the government and despite its lack of financial resources, placed quickly at the War Department's disposal a thoroughly equipped military camp and abundant educational facilities.

Subsequent to the signing of the Armistice the S. A. T. C. was disbanded on December 20, 1918.

The Military staff assigned to the University had the following personnel:

Henry C. Gemmill, Capt. Inf., U. S. A.....	Commanding Officer
Matthew L. McCaskill, Capt. Inf., U. S. A.....	Second in Command
Ernest M. Henderson, 2nd Lt. Inf., U. S. A.,...	Personnel Adjutant
Oscar F. Frenzel, 2nd Lt. Inf., U. S. A.....	Acting Quartermaster
Dudley L. Frank, 2nd Lt. Inf., U. S. A.....	Insurance Officer
Clinton McPeck.....	2nd Lt. Inf., U. S. A.
Ardinger S. Menefee.....	2nd Lt. Inf., U. S. A.
Charles C. Mellor.....	2nd Lt. Inf., U. S. A.
Henry D. Brohm.....	2nd Lt. Inf., U. S. A.
Sergt. Edward E. McSweeney.....	Administration Clerk

Albrecht, Edinond C.
 Albrecht, Frederick W.
 Baker, John J.
 Balfay, Francis J.
 Barber, Louis A.
 Bauer, Joseph J.
 Berberet, Lawrence J.
 Beulte, Lawrence J.
 Boyce, Edmund J.
 Brennan, Joseph W.
 Brey, James E.
 Brinckwirth, Louis H.
 Brockmeyer, Thomas D.
 Brown, Bernard B.
 Brown, Clyde M.
 Brown, George M.
 Cameron, Eugene H.
 Cantwell, John E.
 Cantwell, Robert M.
 Cavagnaro, Leo A.
 Connor, Harold J.
 Cooke, William M.

Corbett, Thomas P.
 Corcoran, Thomas A.
 Costello, Joseph C.
 Cremer, Virgil B.
 Dahm, Paul J.
 Dammann, Fred J.
 Daniel, Paul J.
 Pearson, Paul P.
 de Penaloza, Eugene
 Dermody, Robert V.
 Dionysius, Ambrose L.
 Dirksen, Henry A.
 Dowling, Edward P.
 Duggan, Lee M.
 Duvall, Hubert C.
 Dwyer, Raymond J.
 Eggler, Alvin F.
 Factor, John E.
 Fitzgerald, William E.
 Flavin, John T.
 Fox, James C.
 Franey, James C.

- Fritz, Edward A.
Gantner, George E.
Gavin, William G.
Gear, William F.
Geiger, Walter W.
Gerritzen, Leo W.
Gilliam, Homer F.
Gilsinn, David L.
Godfrey, Dewey S.
Goessling, Gerald A.
Goldstein, George H.
Griesedieck, Carl A.
Guhman, John C.
Halloran, Charles J.
Hamilton, Clement A.
Haven, William E.
Harkins, Wallace D.
Harris, Claude L.
Hausgen, Fred W.
Hayes, Edward C.
Heffernan, Robert V.
Henderson, Francis I.
Hercules, Clarence B.
Hezel, Francis J.
Hilke, Joseph G.
Hoberg, Edmond L.
Hofman, Carl F.
Hoffmann, Edwin W.
Inman, Thomas G.
Jasper, Edward F.
Jennings, William B.
Johnston, Thomas S.
Jones, Elmer S.
Keeshan, William F.
Kellogg, Gordon
Kelly, John M.
Kelly, Stephen E.
Kennedy, Francis H.
Kennedy, William D.
Kernan, Clarence F.
Kernan, Thomas D.
Keshner, Joseph E.
Kilgen, Eugene R.
King, Austin A.
Klein, Paul J.
Kleier, Maurice H.
Klinger, Carl J.
Korfmacher, William C.
Koster, Elmer R.
Kountz, John W.
Koyne, Thomas F.
Krings, Walter J.
Kuenneth, Harold H.
Laclede, Pierre C.
Lane, Francis W.
Lawson, Joseph E.
Link, Warren F.
Lucas, Dennis E.
Lynch, Joseph H.
Lyons, Arthur J.
McCauley, John F.
McDermott, Edgar
McInnis, Joy D.
McInerney, Martin T.
McKenna, Sylvester J.
McKinn, Lawrence J.
McLean, Hugh A.
McNamara, John A.
Milhofer, John J.
McShane, Hugh
Mahon, Aloysius T.
Manion, Thomas F.
Maslanka, Thaddeus R.
Mather, John W.
Merkle, Clarence E.
Mehofer, John J.
Miller, Blaine E.
Miller, Edmund C.
Miller, Louis E.
Moder, Alois L.
Moler, Ammon R.
Mooney, James F.
Moose, Francis X.
Moran, James K.
Mudd, Randolph
Mueller, Victor F.
Mulholland, Francis J.
Murnane, Joseph D.
Mulvihill, Francis N.
Murphy, Andrew J.

Neal, Meredith G.	Sheridan, John J.
Noser, Adolph A.	Shields, James A.
Ohrman, Urban H.	Shire, Leo E.
Orthwein, Frederic C.	Skarry, Arthur
Oswald, Charles J.	Skarry, Hugh M.
Peters, George A.	Smith, Clyde
Pfeffer, Francis J.	Smith, William J.
Phelan, William H.	Snyder, Carl A.
Polster, Arthur H.	Sowden, John J.
Polster, Raymond G.	Spies, Charles J.
Pralle, William F.	Springrose, Constantine J.
Puetter, Leo T.	Stelzleni, Ralph L.
Rabbitt, Patrick L.	Stewart, Edgar V.
Rauch, Bernard A.	Storr, Aloysius
Rauch, Charles M.	Sullivan, John B.
Ray, Dewey F.	Swanston, Joseph A.
Reardon, Francis A.	Tenge, John J.
Reardon, Francis J.	Tholen, Rudolph W.
Rechtern, Ralph H.	Tierney, Joseph M.
Rechtien, Elmer J.	Tobin, Thomas C.
Reid, Francis N.	Tobin, Thomas J.
Reilly, Daniel W.	Touhill, Joseph E.
Reilly, William L.	Tratnik, Louis H.
Robinson, Elvin B.	Vien, H. Grady
Robertson, Eugene E.	Voight, Lewis W.
Robinson, John C.	Wagner, Raymond R.
Roer, Francis W.	Wales, George Carter.
Rohan, James V.	Wales, Warren F.
Rook, William C.	Walsh, Robert P.
Rossman, Paul F.	Walsh, Thomas M.
Rotter, Edmund A.	Walters, Eugene J.
Ryan, John C.	Wathen, Cedric J.
Salland, Henry R.	Wedel, George H.
Saltsman, Thomas R.	Weinand, Tillman C.
Sanders, Edwin C.	Westrich, Aloysius J.
Sanders, Philip F.	White, Donald Cowdin
Schilling, Dominic P.	Wigge, Theodore H.
Schlemmer, Anton F.	Willis, Russell V.
Schlosser, Francis X.	Wimsatt, William E.
Schmaladt, Clarence A.	Winer, Arthur I.
Schneiderhahn, Aloysius P.	Winter, Philip A.
Schuete, Henry J.	Wolff, Eugene
Schumacher, Emil L.	Wood, Stewart J.
Schwegel, Edward N.	Wright, Joseph H.
Senrick, Fred A.	Wyss, Emert L.
Shea, William J.	Zuber, Carl H.

School of Medicine

Bader, J. W.	Dobbs, O. R.
Baird, H.	Dole, A. F.
Barbour, O. E.	Dolan, L. P.
Bay, F. N.	Donohue, P. F.
Bergwall, R. P.	Donovan, H.
Bernstorff, P. H.	Donovan, W. P.
Beuchat, L. J.	Doran, F. J.
Bofenkamp, F. W.	Doubek, J. C.
Bohne, W. R.	Doyle, R. E.
Bonacci, M. J.	Draper, D. B.
Braden, D. R.	Durbin, H. P.
Braun, K. A.	Dwyer, T. L.
Brennan, M. E.	Ebel, J. A.
Bries, F. J.	Egle, J. L.
Brinkhaus, A. L.	Elz, J. T.
Buddemeyer, F. H.	Elliott, L. F.
Burger, J. A.	Emons, C.
Cassidy, L. D.	Engler, J. G.
Cheney, R. E.	Epp, G. J.
Clark, L. I.	Etter, F. S.
Clifford, F. C.	Eyerman, H. W.
Christeson, E. L.	Feierabend, F. L.
Cotter, S. V.	Ferry, W. P.
Coyle, J. D.	Fialkowski, J. J.
Cravens, H. W.	Finnigan, F. R.
Cronin, C. S.	Finot, P. H.
Crotty, W. J.	Fischer, A.
Cullen, F. E.	Flinn, J. M.
Cummings, J. H.	Frankel, S. I.
Curran, P. S.	Fredrickson, A. R.
Custer, M. L.	Freeman, S. L.
Czarnecki, C. J.	Freimuth, L. E.
Daggett, N. O.	Fries, A. D.
Dailey, J. E.	Frumson, W. L.
Deckmeyer, C. J.	Gaard, C. C.
Demko, F.	Gallagher, W. J.
Denk, A. A.	Garside, A. A.
Dennis, F. O.	Gedert, J. J.
Deyling, P.	Gerard, J. H.
Diethelm, R. A.	German, W. A.
Diven, L. M.	Gillmor, C. S.

Gissy, C. J.	Kirkwood, E. E.
Glaze, K. F.	Klein, F. W.
Glowacki, B. F.	Koeb, R. A.
Greaves, R. H.	Kohler, E. J.
Grebe, R.	Kotkis, A. J.
Green, M.	Kramer, A. E.
Greer, M.	Krikorian, K. A.
Grogan, R. E.	Lam, F. K.
Grueb, P. M.	Lang, W. C.
Golinvaux, C. J.	Larkin, M. J.
Gossow, B. G.	Lavender, W. A.
Haile, L. C.	Lawson, J. D.
Halloran, L. A.	Lawton, T. P.
Hammitt, F. C.	Lee, G.
Hannan, M. L.	Leight, W. J.
Hannibal, J. E.	Leiker, F. J.
Hartley, J. E.	Lembeck, J.
Hassett, H. A.	Lenaghan, R. T.
Hastings, E. L.	Lindeman, C. H.
Haumesser, B. G.	Lorenzen, W. A. F.
Haverfield, L. E.	Mahowald, A.
Helminiak, M. J.	Maloney, J. J.
Hellweg, E. W.	Marchand, J.
Helwig, S. B.	Martin, D. D.
Henrich, L. E.	Maurer, F. G.
Hermann, E. E.	Mayer, L. L.
Hewitt, B. R.	Mayfield, T. M.
Holestine, E. V.	Medler, F. J.
Holmes, M. B.	Meinhardt, V. J.
Hornback, E. R.	Michalak, J. J.
Howard, S. P.	Mitchell, W. F.
Hrdlicka, V. E.	Moloney, J. C.
Humphries, P. A.	Moore, E. F.
Hyatt, W. T.	Moran, T. J.
Jacobs, R. N.	Moss, M. C.
Jacubec, J. C.	Motzel, A. J.
Jeffries, R. R.	Mueller, E. L.
Jones, C. H.	Muenzer, A.
Jones, W. R.	Murphy, G. C.
Joseph, G. E.	Murrin, J. O.
Jost, A. H.	Murphy, J. P.
Kavanagh, A.	Murphy, P. F.
Kerper, A. H.	McCarthy, P. V.

- | | |
|--------------------|----------------------|
| McCormick, C. I. | Scopolite, J. |
| McCoy, B. W. | Seward, G. R. |
| McGrath, J. N. | Sewell, W. S. |
| McMahon, A. | Sexton, E. E. |
| McNamee, O. J. | Shade, V. |
| McQuillan, E. A. | Siff, E. F. |
| McShane, G. S. | Smith, C. C. |
| McTigue, H. H. | Smith, G. L. |
| Neubeiser, J. B. | Stadler, E. |
| Neun, W. F. | Stanford, V. B. |
| Novotny, E. J. | Steward, G. B. |
| O'Connell, P. B. | Stoelzle, J. D. |
| O'Connor, H. | Strub, H. J. |
| O'Day, J. | Stuhlmueeller, C. F. |
| O'Donnell, F. J. | Sum, J. O. |
| O'Neill, J. R. | Thompson, G. E. |
| Piekarski, A. A. | Thornton, F. |
| Piekenbrock, F. J. | Titterington, P. F. |
| Ploussard, C. N. | Towles, M. |
| Poncot, W. L. | Turner, H. H. |
| Powell, G. H. | Uetz, J. W. |
| Powell, R. V. | Vitt, E. F. |
| Powers, F. E. | Vogel, E. B. |
| Quinn, F. B. | Vonachen, R. A. |
| Quirin, W. S. | Walters, W. H. |
| Reilly, T. R. | Warner, E. M. |
| Rejent, A. J. | Warner, R. G. |
| Ringo, H. J. | Wasinger, J. P. |
| Roberts, L. S. | Waters, O. M. |
| Rosenfeld, H. | Webb, P. B. |
| Roth, R. P. | Weger, C. C. |
| Rutledge, J. F. | Welsh, J. E. |
| Rutledge, R. M. | Weltmer, S. W. |
| Sach-Rowitz, A. | Weston, C. L. |
| Sauer, E. J. | White, O. O. |
| Savage, C. A. | White, H. F. |
| Schaefer, G. J. | Widger, F. |
| Schaefer, J. F. | Wilcox, C. V. |
| Schaefer, Leo J. | Wilhelmj, C. M. |
| Schmitt, O. J. | Wilhelm, L. F. X. |
| Schneider, N. A. | Wilson, F. K. |
| Schneider, V. A. | Wilson, H. B. |
| Schreiner, E. O. | Ziegelmeyer, J. S. |
| Schwab, L. J. | |

School of Dentistry

Baltz, Leo B.	Duffy, Dennis
Bauman, Reuben E.	Dummit, Howard
Baumstark, Herbert F.	Duncan, George W.
Beckman, Jacob W.	Dunlavy, Alva J.
Beisel, Max A.	Eden, Edward H.
Benton, Walter	Edmiston, Glenn F.
Berning, George H.	Eggeman, Minot G.
Bey, Joseph H.	Emmons, Walter W.
Birenbaum, Joseph	Epperly, Marvin F.
Blakemore, James F.	Fahrenholz, William L.
Blumenshine, Arthur G.	Farley, Ross D.
Bonham, Frank V.	Ferris, Ralph J.
Bott, Olin J.	Finnegan, Lawrence R.
Boyle, Clyde K.	Franke, Neil
Brandt, George P.	Gitcho, John M.
Brinkhaus, James L.	Goorman, Bernard
Brocker, Ralph J.	Graham, Lawrence F.
Bunge, William L.	Greenman, Earl
Buxton, Arthur H.	Gross, Willis C.
Campbell, Elmer H.	Haller, Emanuel E.
Carpenter, Edgar M.	Hardy, John W.
Castle, Meyer	Harlin, Amos E.
Catudal, Joseph E.	Harrington, Edward T.
Chenoweth, Avery H.	Harris, Abel J.
Clark, Arthur G.	Haumueller, Oscar T.
Cline, Clifford R.	Higgins, William S.
Coates, Wallace K.	Hindenach, Leo A.
Cohlmeyer, John W.	Hofmann, Henry V.
Cook, Lemuel J.	Hogancamp, Hugh H.
Collins, John J.	Holland, Frank O.
Collins, John Nicholas	Hollingsworth, Paul R.
Connelly, Cecil C.	House, Bert
Cougot, Leo D.	Hughes, Edward T.
Coutant, Frederick I.	Hughes, George B.
Crawford, William W.	Jacobs, George D.
Cullen, Edward E.	Jaeger, Frank W.
Davis, William N.	Jaffe, Lawrence L.
Dillon, Thomas P.	Joenk, Walter P.
Dougherty, Martin	Jones, Joshua E.
Dreiling, Joe F.	Kamp, Henry J.
	Kehoe, Horace D.

- Kennedy, William A.
Koplo, Benjamin J.
Krekeler, Edmond H.
Kyle, Raymond E.
Lahr, Norbert J.
LeBeuf, Louis N.
Leiper, Frank R.
Linek, Henry A.
Lippold, John
Lockwood, Frank D.
McAllister, Glenn J.
McCracken, William A.
McCutchen, Paul F.
McDermott, Hugh T.
Mabrey, Newell M.
Maley, Justin J.
Maliff, Jesse
Mallick, George R.
Markert, Albert
Max, Ralph C.
May, Robert J.
Mayle, Edward F.
Mead, Victor R.
Miller, Jesse
Moriarty, John L.
Morton, Wilfred H.
Murphy, Clarence R.
Murphy, John T.
Naert, Alphonse L.
Norris, Clarence N.
Ochs, Frank H.
Owen, Lenna B.
Palmer, Mark E.
Pasch, Clarence I.
Pecau, Elvus J.
Pepple, Clyde
Porth, Edgar
Proctor, John
Pylant, Kelsie O.
Rehm, Edgar F.
Remley, Edmond B.
Rhoades, Reuben R.
Rigor, Albert E.
Rippe, Martin T.
Ruwwe, George H.
Ryan, Earl V.
Sandbrink, Joseph H.
Sazima, Henry C.
Schewe, Earl C.
Schneider, Charles M.
Schroeder, George B.
Setzekorn, William E.
Shamel, William L.
Shinneman, Albert
Shoemake, Joseph A.
Signaigo, Edward C.
Smith, Justin C.
Snopek, Leonard L.
Sommerhauser, Chas. M.
Sprester, Joseph
Starling, William D.
Stilley, Charles M.
Strieb, Fred A.
Summerlin, Jacob D.
Thole, John A.
Titus, John R.
Todd, Claud
Traylor, Guy H.
T'schudy, Clarence C.
Vanfossan, Loy H.
Vessels, Francis M.
Vize, John L.
Wedel, Claud
Weedin, James E.
Weisstein, Saul
Wenige, Carl J.
Wicecarger, Luther O.
Williams, George C.
Williams, LeRoy
Wilson, Harry I.
Wilson, Kenneth M.
Wilson, William E.
Woolard, George W.
Winslow, Willis D.
Zoulek, Joseph L.

The Radio and Buzzer School

This school was opened September 1, 1917, at the request of the War Department and under its auspices. In March, 1918, it was transferred to the supervision of the Federal Board for Vocational Education. The purpose of the school was to prepare young men who were within draft age for the duties of radio operators and line telegraphers in the Signal Corps of the Army and Navy.

Any young man of draft age and physically qualified for service might enter the school and receive gratis training and practice in the International Morse Code and in the theory underlying radio telegraphy. When the students were able to send and receive at the rate of from ten to twenty words a minute they were either immediately inducted into service in the Signal Corps or furnished with a certificate of proficiency, the presentation of which afterwards at an army cantonment would secure their assignment to the Signal Corps. Lectures and laboratory on the fundamentals of electricity and radio telegraphy accompanied instruction in the code.

The school was closed in November, 1918, after the signing of the armistice and on the reception of word from the War Department that its services were no longer required. The following list shows the students that registered since January 11, 1918, when the register for last year was compiled.

Subjoined is a summary of the work accomplished in the fourteen months of the life of the school:

Abel, Herman, Missouri	Brandt, Walter H., Missouri
Aberson, Henry H., Missouri	Brennan, Frank C., Missouri
Adair, Robert, Missouri	Brennan, John M., Missouri
Addington, Lawrence V., Mo.	Briner, Herbert F., Missouri
Albrecht, Joseph H., Missouri	Brinker, Charles, Missouri
Anderson, Francis C., Missouri	Brockmeier, Reinhold, Missouri
Andrakson, John, Missouri	Brod, Edward J., Missouri
Appelbaum, Herman, Missouri	Brown, Anderson C., Missouri
Arras, Arthur A., Missouri	Brown, Horace M., Missouri
Bahr, August F., Missouri	Butler, Philip M., Missouri
Bailey, David, Missouri	Cain, Kenrick, Missouri
Balducci, Alexander, Missouri	Callahan, Thos. C., Missouri
Beckman, Herman J., Missouri	Calnan, James J., Missouri
Bensberg, Carl B., Missouri	Carle, Melvin Wm., Missouri
Bernstein, Maurice, Missouri	Clark, Louis J., Missouri
Bick, Alvin, Missouri	Collins, Byron J., Missouri
Bidwell, George T., Missouri	Conrad, John F., Missouri
Benz, Albert J., Missouri	Copeland, George H., Missouri
Blaetz, Carl J., Missouri	Cornwell, Ben S., Missouri
Blaine, James G., Missouri	Cornwell, Fred J., Jr., Missouri
Blandina, Paul, Missouri	Cowles, Clyde E., Missouri
Bockstruck, Jesse E., Missouri	Cox, Asher R., Missouri
Bowman, Walter H., Missouri	Crispin, Walter R., Missouri

- Crowl, Chas. P., Missouri
Cummins, John R., Missouri
Cunningham, John, Missouri
Curran, Wm. V., Missouri
Current, Charles R., Missouri
Dare, Richard A., Missouri
Dean, Chas. W., Illinois
Dedrick, Alex. J., Missouri
Delaney, John, Missouri
Delaplaine, Edward S., Missouri
Deschner, Charles D., Missouri
Donnewald, George, Missouri
Dooley, William J., Missouri
Doza, Raymond J., Illinois
Dressel, Rolla E., Missouri
Driscoll, Daniel E., Missouri
Duffy, Raymond J., Missouri
Dwyer, Clifford W., Missouri
East, Clarence, Missouri
Ellis, Otis C., Missouri
Erd, Carl, Missouri
Eschbacher, Richard, Missouri
Fairchild, Ray R., Missouri
Farnsworth, Harvey E., Mo.
Farrington, Thos. L., Missouri
Feeble, Clyde W., Missouri
Feldman, A., Missouri
Fikes, William F., Missouri
Fink, Earl H., Missouri
Frankenthal, Alex M., Missouri
Furlong, Robert E., Missouri
Gallant, Sidney M., Missouri
Gamache, Julian E., Missouri
Gardner, Leo A., Missouri
Garvey, Clark C., Missouri
Gear, Marvin L., Missouri
Gerst, Theodore H., Missouri
Gitchoff, Anton A., Illinois
Goessling, Leo J., Missouri
Golden, James F., Missouri
Gorman, James, Missouri
Grayson, Joseph H., Missouri
Green, Arthur W., Missouri
Greenberg, Harry R., Missouri
Hackman, John K., Missouri
Haddaway, Roland, Missouri
Hamilton, Thomas H., Missouri
Hammond, John H., Missouri
Harkins, Ben Frank, Missouri
Haupt, Jacob D., Missouri
Hayden, Frank G., Missouri
Hennessy, Edward J., Missouri
Hennessy, James A., Missouri
Heob, Elroy W., Missouri
Herman, Maurice R., Missouri
Herzberg, Fredrick H., Missouri
Hilzinger, George C., Missouri
Hoester, Victor B., Missouri
Hoffman, Gustav G., Missouri
Holladay, Hiram N., Missouri
Hynes, John P., Missouri
Jamison, Lester C., Missouri
Johns, John J., Missouri
Jones, Earl G., Missouri
Kappel, Joseph G., Missouri
Kindall, John E., Missouri
King, James I., Missouri
Kleinhauser, Joseph, Missouri
Koerber, Lester H., Missouri
Konesko, Leo B., Missouri
Konetzky, Albert R., Missouri
Koors, George, Missouri
Koppelman, Louis H., Missouri
Kraft, Elmer A., Missouri
Kratky, Irwin F., Missouri
Kraus, Leo E., Missouri
Krekorian, Khoren, Missouri
Krueger, Alex C., Missouri
Krueger, William T., Missouri
Kuehler, Henry J., Missouri
Labee, George W., Missouri
Lamb, Michael J., Illinois
Lauenstein, Milton C., Missouri
Leimbrock, Howard E., Mo.
Levy, Samuel, Missouri
Leu, Leto M., Missouri
Levinson, Maurice, Missouri
Lindeer, Adam H., Missouri
Loftus, Edward J., Missouri
Logan, Robert W., Missouri
McCain, Meade M., Missouri
McGrath, Thomas A., Missouri
McHugh, Edward, Missouri
Mahony, Walter W., Missouri
Malecek, Roland J., Missouri
Marshall, Oscar Joe, Missouri
Martin, Harry J., Missouri
Martin, Lindley R., Missouri
Martine, James L., Missouri
Mayer, Phil, Missouri
Metzger, Joseph, Missouri
Freyman, Jean P., Nebraska
Fredenburgh, Gregory O., Ill.
Franklin, Wm. W., Missouri
Fullenwider, Harry W., Mo.
Meyer, Frederick R., Missouri

- Miller, Bernard F., Missouri
Miller, Charles H., Jr., Missouri
Miller, Julius P., Missouri
Moeller, Irwin G., Missouri
Mohrmann, William, Missouri
Moran, John T., Missouri
Mueller, Frederick J., Missouri
Murphy, William R., Missouri
Nall, Lester P., Missouri
Neumann, Walter, Missouri
Nicke, Frank, Missouri
Niekamp, Charles A., Missouri
Nolan, Maurice W., Missouri
Nolan, Peter, Illinois
Nolte, Lee H., Missouri
Nuelle, Frank P., Missouri
Nugent, Fred O., Missouri
Nugent, Morgan J., Missouri
O'Brien, John M., Missouri
O'Keefe, Lester A., Missouri
O'Reilly, Robert A., Missouri
Opp, Carl D., Missouri
Orr, Ernest A., Illinois
Paris, William J., Illinois
Passek, James A., Missouri
Paul, Charles F., Missouri
Pautler, Raymond W., Illinois
Payton, Leland R., Missouri
Peat, Howard J., Missouri
Penzler, Alvin H., Missouri
Peterson, Harry J., Missouri
Pettker, Edward G., Missouri
Pfiffner, William, Jr., Missouri
Piggott, Galvin E., Missouri
Portnoy, David B., Missouri
Portnoy, Simon M., Missouri
Rapp, Henry E., Missouri
Readey, Joseph W., Missouri
Rebholz, Frank J., Missouri
Reece, Carl F., Missouri
Reinhardt, Charles L., Missouri
Reinhold, John J., Missouri
Rithemeyer, B. A., Missouri
Rezits, Albert, Missouri
Rice, Frank S., Missouri
Riordan, Michael J., Missouri
Robinson, Edwin B., Missouri
Roche, James M., Missouri
Roessel, Herbert F., Missouri
Rooks, Harry Scott, Missouri
Roos, Maurice L., Missouri
Rosen, Loomie A., Missouri
Rosenheim, Leo H., Missouri
Rowley, Enos J., Missouri
Rozier, Carlisle E., Missouri
Rutherford, Edgar L., Missouri
Ryan, O'Neil, Jr., Missouri
Salmon, Harvey E., Missouri
Sanders, Sylvester A., Missouri
Sassman, William H., Missouri
Savage, Carl P., Missouri
Schallert, William, Missouri
Scheid, Oliver K., Missouri
Schick, Otto F., Missouri
Schiess, Benedict F., Missouri
Schlachmann, Sol, Missouri
Schmuck, Eugene J., Missouri
Schwartz, William C., Missouri
Schweitzer, Alex J., Missouri
Scircle, Claude E., Missouri
Sheridan, Philip J., Missouri
Sidman, Robert A., Missouri
Sinclair, John G., Illinois
Slyman, George L., Missouri
Smith, John H., Missouri
Sperling, George C., Missouri
Spillane, Thomas L., Missouri
Staehle, Daniel, Missouri
Stanze, Milton M., Missouri
Steger, Leslie H., Missouri
Steimke, Frank C., Missouri
Stewart, John F., Missouri
Stewart, Walter L., Missouri
Stifel, Carl J., Missouri
Straus, Martin L., Missouri
Strebile, Francis J., Missouri
Strubinger, Taylor W., Missouri
Stubblefield, Cecil W., Missouri
Stuppy, Meinrad A., Missouri
Sullivan, John A., Missouri
Sullivan, John B., Missouri
Susman, Daniel R., Missouri
Taylor, Arthur W., Missouri
Taylor, William C., Missouri
Thomas, Edwin R., Missouri
Tirrell, Frank W., Missouri
Tobin, Albert C., Missouri
Toomey, Cornelius J., Missouri
Toomey, John J., Missouri
Topp, Sylvester W., Missouri
Tracy, Leo W., Missouri
Traunsberg, Rudolph S., Mo.
Treiman, Morris, Missouri
Trevor, Randall K., Missouri
Tuerck, Arthur P., Missouri
Turba, Walter G., Missouri

Tynan, William J., Missouri	White, Eugene M., Missouri
Ude, Paul, Missouri	Williams, Haynes, Illinois
Vanac, Frank, Missouri	Williams, Willard F., Missouri
Van Dusen, William L., Mo.	Wilson, Ray C., Illinois
Voegelie, John, Missouri	Wind, Emil J., Missouri
Washauer, Irving W., Missouri	Withum, Erwin F. A., Missouri
Wasserman, Meyer, Missouri	Wolff, Charles J., Missouri
Watson, Aeleigh F., Missouri	Wood, William G., Missouri
Weber, Elmer W., Missouri	Woodward, Robert Y., Missouri
Weber, Erwin G., Missouri	Wycoff, Erwin M., Missouri
Weber, William, Missouri	Zachritz, Charles R., Missouri
Wegman, Joseph A., Missouri	Zirkel, Albert H., Missouri
Werner, Howard B., Missouri	

Total number enrolled.....	419
Left the school to enter service—	
In the Signal Corps.....	131
In the Aviation Corps.....	93
In the Naval Service.....	59
In other branches.....	39
	<hr/>
	322
Left in the classes when closed.....	56
Failed to qualify, discontinued.....	41
	<hr/>
	419

Degrees Conferred

The Honorary Degree of Doctor of Laws

June 3, 1918

REV. JOHN ROURKE KENNY

The Degree of Master of Arts

Francis A. Bautsch, A. B.....	Colorado
Remi J. Belleperche, A. B.....	Canada
Augustine H. Bennett, A. B.....	Illinois
Rudolph G. Bohn, A. B.....	Ohio
Alfred G. Brickel, A. B.....	Ohio
Ignatius J. Davlin, A. B.....	Nebraska
Martin W. Diethelm, A. B.....	Ohio
Gerard B. Donnelly, A. B.....	Missouri
Thomas A. Finnegan, A. B.....	Wisconsin
Gerald Fitzgibbons, A. B.....	Michigan
Leo P. Frank, A. B.....	Missouri
Raymond C. King, A. B.....	Missouri
William J. McGucken, A. B.....	Wisconsin
Thomas J. Martin, A. B.....	Nebraska
Robert B. Morrison, A. B.....	Missouri
Walter A. Roemer, A. B.....	Ohio
Francis A. Ryan, A. B.....	Missouri
Michael A. Schaefer, A. B.....	Missouri

June 12, 1918

George C. Whipple, A. B.....	New York
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The Degree of Bachelor of Arts

June 3, 1918

E. Roy Alexander.....	Missouri
Claude M. Bakewell.....	Missouri
Raymond F. Bellock.....	Illinois
Francis P. Bungart.....	Ohio

Alfred J. Cummings.....	Maryland
J. Driscoll Donovan.....	Missouri
Jean P. Freymann.....	Missouri
Aloysius S. Hahn.....	Missouri
Bernard A. Horn.....	Ohio
Arthur J. Kelly.....	Illinois
Clifford J. LeMay.....	Canada
Warren C. Lilly.....	Kentucky
Thomas J. Lynam.....	Missouri
William H. McCabe.....	Iowa
Charles E. McGarry.....	Missouri
Edward F. Maher.....	Illinois
Max G. Mankowski.....	Poland
Albert J. Motzel.....	Missouri
Thomas J. Powers.....	Kentucky
Thomas E. Reynolds.....	Illinois
Vincent P. Ring.....	Missouri
Wilfred S. Robb.....	Ohio
Arthur C. Schaefer.....	Missouri
John C. Schiermann.....	Missouri
Raymond H. Schmandt.....	Missouri
Hubertus A. Schotten.....	Missouri
Joseph L. Scott.....	Illinois
George J. Shiple.....	Ohio
Victor C. Stechschulte.....	Ohio
John B. Sullivan.....	Missouri
Henry L. Sullivan.....	Nebraska
Paul J. Sweeney.....	Kentucky
H. Grady Vien.....	Illinois
Raymond B. Walsh.....	Indiana
Edward J. Weisenberg.....	Illinois

October 17, 1918

Edward Sidney Johnson.....Colorado.

The Degree of Bachelor of Science

June 3, 1918

Robert D. Cowan.....	Missouri
Frank R. Finnegan.....	Kansas
Joseph E. Galvin.....	Iowa
Harold H. George.....	Missouri
Leon C. Haile.....	Missouri
Ulysses E. Hartley.....	Missouri
Fred K. Lam.....	Hawaii
Thomas P. Lawton.....	Missouri
P. Frank Murphy.....	California
Hassan Omar	Egypt
Francis B. Quinn.....	California
Edward F. Siff.....	Missouri
Jacob E. Thomas.....	Washington
Arthur M. Thompson.....	Michigan
Edward B. Vogel.....	Ohio
Rodney Yoell	California
Bernard C. Zimmerman, A. B.....	Iowa

The Degree of Master of Commercial Science

June 3, 1918

William Hansell Bell, B. C. S., New York

The Degree of Bachelor of Commercial Science

June 3, 1918

Cecil Leslie Bothwell, LL. B.....	East St. Louis, Ill.
Joseph Henry Fischer.....	St. Louis, Mo.
Leo Wiseman Gould.....	Granite City, Ill.
Clyde Fielden Lytton.....	East St. Louis, Ill.
Edgar Lucien Roy.....	Bonne Terre, Mo.
Martin Thal.....	St. Louis, Mo.

A General Certificate is given to the following:

Clifford Edward Halpin.....	East St. Louis, Ill.
James Joseph Halpin.....	East St. Louis, Ill.
Walter Martin Meyer.....	Webster Groves, Mo.
Francis Martin McDonnell.....	Kirkwood, Mo.
Robert David McClure.....	St. Louis, Mo.
Oscar George Roeder.....	St. Louis, Mo.

The Degree of Doctor of Dental Surgery

February 2, 1918

Robert Samuel Austin.....	St. Louis, Mo.
John Albert Blackburn.....	Ness City, Kansas
Clarence John Carr.....	San Antonio, Texas
John Edward Durcan.....	Castlebar, Ireland
Eric Harry Golden.....	St. Louis, Mo.
Francis Jefferson Holke.....	St. Louis, Mo.
Oliver Louis Jennemann.....	St. Louis, Mo.
Clyde Edwin Loveland.....	Sedalia, Mo.
William John Lauer.....	Roscoe, Minn.
Harry Frederick Charles Meyer.....	St. Louis, Mo.
Edgar Daniel Rentchler.....	St. Louis, Mo.
Frederick Gorman Sigrist.....	Rochester, Mo.
Frederick Sharpless Viedt.....	St. Louis, Mo.
Noble Edward Wade.....	Columbia, Mo.
William Cassidy Wilson.....	Beattyville, Ky.

June 3, 1918

Sanford Harl Allen.....	Rolla, Mo.
Harry Baker.....	Galatia, Ill.
Lee August Bierk.....	Perryville, Mo.
John Ambrose Boudreau.....	St. Louis, Mo.
John Francis Brandt.....	St. Louis, Mo.
Hugo Henry Buescher.....	Hartsburg, Mo.
Joseph Frederick Buxton.....	Shobonier, Ill.
William Cain	Harrisburg, Ill.

James Bruce Cuthbertson.....	Harrisburg, Ill.
Victor Droste.....	Mt. Olive, Ill.
Robert Tye Eads.....	Pattonsburg, Mo.
Gus Henry Eckert.....	St. Louis, Mo.
Sylvan Eisenstein.....	Warrenton, Mo.
John Albert Evans.....	Vaughnsville, Ohio.
Harry Henry Fleischer.....	St. Louis, Mo.
George Franken.....	Glouster, Ohio.
Henry Coleman Fulkerson.....	Burnt Prairie, Ill.
Paul Hobart Gattermeir.....	Olean, Mo.
Francis Phillip Gleeson.....	Toledo, Ohio.
Otho Addison Gorman.....	Beardstown, Ill.
John Joseph Gormley.....	St. Louis, Mo.
Chester Daniel Grimes.....	Lebanon, Pa.
Claude Emry Grizzell.....	Herrin, Ill.
Ambrose Bernard Harrington.....	Wellsville, N. Y.
Francis Mary Hayden.....	St. Paul, Mo.
George Burgess Herndon.....	Sedalia, Mo.
Henry Heyenga.....	Hartsburg, Ill.
Claude Donovan Holder.....	St. Louis, Mo.
Garnett Guthrie Hopkins.....	Houstonia, Mo.
Arden Hunt.....	Monroe, Utah.
Henry Joseph Huschle.....	East St. Louis, Ill.
Murray Ipe.....	Nappanee, Ind.
Elmer Alphonse Jasper.....	St. Louis, Mo.
Mark Cyprian Kerr.....	Kingsville, Pa.
Alphonsius Joseph Lager.....	St. Louis, Mo.
Paul Ludwig Mallinckrodt.....	Augusta, Mo.
Leo Kenrick Manning.....	St. Louis, Mo.
John Howell McCutchen.....	St. Louis, Mo.
William Edward Nolting.....	Nolting, Ill.
Walter Gustave Och.....	Marissa, Ill.
Alfred Perry.....	St. Louis, Mo.
Earl John Poe.....	Herrin, Ill.
Walter King Richardson.....	St. Louis, Mo.
Frederick Jackson Robertson.....	Rison, Ark.

A. Eugene Seymour.....	Atwater, Ill.
Loyd Shimmin.....	Monroe Utah.
Walter George Siemers.....	Gordonville, Mo.
John Clarence Skaer.....	Belleville, Ill.
Leonard Aubrey Smith.....	Springdale, Ark.
Howard Samuel Smith.....	Ladonia, Mo.
Edward Frederick Stallman.....	New Athens, Ill.
Lou Reginald Starling.....	Kansas City, Mo.
John Gordon Stephens.....	Olean, Mo.
Zera Lee Stokely.....	Williamsville, Mo.
Zeph Wright Street.....	Sturgeon, Mo.
Benjamin Chesley Thompson.....	Slater, Mo.
Everett Travelstead.....	Harrisburg, Ill.
William Frederick Truetzel.....	Glenco, Mo.
Ferdinand John Vogelsang.....	Breese, Ill.
Edwin Rudolph Wagner.....	Belleville, Ill.
Frank John Weicht.....	Evansville, Ind.
George Washington Williams.....	Marble Hill, Mo.

October 1, 1918

Lyman Earl Deason.....	East St. Louis, Ill.
John William Weis.....	St. Louis, Mo.

The Degree of Bachelor of Laws

June 3, 1918

Albert John Appelbaum.....	St. Louis, Mo.
Walter Francis Maley, A. M.....	Manchester, Iowa.
Anthony B. Manzella, A. B.....	St. Louis, Mo.
William Leonard Mitchell.....	Cloverport, Ky.
Severine Andrew Poirot.....	Belleville, Ill.
Andrew B. Remick.....	St. Louis, Mo.
Milton G. Rosenfeld.....	St. Louis, Mo.
Paul Thomas White.....	Nevada, Mo.

The Degree of Master of Laws

June 3, 1918

Edward Frederick Endicott, LL. B.....	St. Louis, Mo.
Henry Clayton Etherton, LL. B.....	St. Louis, Mo.
Margaret Fleishman, LL. B.....	St. Louis, Mo.
Edgar G. Hammonds, LL. B.....	St. Louis, Mo.
Martin William Horan, LL. B.....	St. Louis, Mo.
Louis Lehr, LL. B.....	St. Louis, Mo.
James Joseph O'Phelan, LL. B.....	St. Louis, Mo.
Andrew B. Remick, LL. B.....	St. Louis, Mo.
Alred Louis Rose, LL. B.....	St. Louis, Mo.
Sturley Cuthbert Wolff, LL. B.....	St. Louis, Mo.

The Degree of Doctor of Medicine

February 2, 1918

Robert Mortimer Bowen, B. S.....	Denver, Colo.
Paul Ashland Brickey.....	Festus, Mo.
Andrew Jackson Clay, B. S.....	Augusta, Mo.
Roderick Hugh Maguire, A. M.....	Spokane, Wash.
Bernard Francis Striegel.....	Harper, Iowa.
Arthur Murray Thompson, B. S.....	Grand Rapids, Mich.

June 3, 1918

Bennett Young Alvis, B. S.....	Kell, Ill.
Gustave Lewis Bauer, Jr.....	Belleville, Ill.
Henry Beier.....	Gotebo, Okla.
James Edward Bellinger.....	Niagara Falls, N. Y.
Oscar Ernst Blank.....	Granite City, Ill.
Goronwy, Owen Broun, A.B.....	Mobile, Ala.
Leo Aquinas Conway.....	Elma, Iowa.
Thomas Francis Cook, A. B.....	Rayville, Mo.
Joseph Patrick Costello, Ph. G.....	Kewanna, Ind.
Robert Dinwiddie Cowan.....	Aldrich, Mo.
Bernard Joseph Dierker.....	Lawrence, Neb.
Martin Walter Diethelm, A. B.....	Toledo, Ohio.

Leslie Herman Dunham, A. B.	Pattonsburg, Mo.
Charles Eugene Eimer	Belleville, Ill.
Oswald Pleus Falk	St. Louis, Mo.
Florent Edwin Franke	Newton, Ill.
Louis George Frumson	St. Louis, Mo.
Vincent John Gallagher	Cleveland, Ohio.
Joseph Emmit Galvin	Oelwein, Iowa.
Joseph Francis Goeke	Kirksville, Mo.
Boyd Lorens Greever	Monett, Mo.
French Keller Hansel	Granite City, Ill.
Ulysses Eugene Hartley	Nebo, Mo.
Edmund Henry Hedges	Upper Sandusky, O.
George Grover Herman	St. Louis, Mo.
Howard Denton Kearby	Savannah, Mo.
Raymond Charles King, A. B.	Toledo, Ohio.
Albert Kuntz, A. B., Ph. D.	St. Louis, Mo.
Joseph Charles Lill	Fort Wayne, Ind.
Chancel Ray Lounsberry	Marshalltown, Iowa.
Francis Joseph Mahony	Cleveland, Ohio.
Joseph Anthony Muenzer	Toledo, Ohio.
Harry Malcolm O'Brien, A. B.	Cleveland, Ohio.
Walter Cunningham Overstreet, A. B.	Sedalia, Mo.
Auguste Joseph Pareti	New Orleans, La.
Wallace Brown Perry	Broadwell, Ill.
Albert Frederick Plag	Grand Rapids, Mich.
Marinus Henry Pulskamp	Celina, Ohio.
Clarence Ward Rhea, A. B.	Farney, Texas.
Herman Charles Ross, A. B.	St. Louis, Mo.
Joseph Anthony Schlernitzauer	Bellaire, Ohio.
Francis Boas Settle	Bellevue, Mo.
James Michael Stucki	Oklahoma City, Ok.
Jacob Earl Thomas	Seattle, Wash.
Gerard Cassian Unrein	Hays, Kans.
Alfred Earl Van Nest	Jackson, Mich.
Charles Homer Wheelon, M. S.	St. Louis, Mo.
Beryl Harrison Wilcox	St. Louis, Mo.
Willard Wilfred Wild, B. S.	Carbon, Iowa.
Rodney Alexander Yoell, B. Lit.	San Jose, Cal.

July 6, 1918

Otto Vincent Lieb.....Palouse, Wash.

General Statement

History

The foundation of St. Louis University dates back to 1818, three years before Missouri became a State of the Union.

On November 16th, 1818, Right Rev. Louis William DuBourg, Bishop of Louisiana, with residence in St. Louis, opened St. Louis Academy in a stone building on the north-west corner of Third and Market streets. It was under the control of Rev. Francois Niel and other secular priests attached to St. Louis Cathedral. The Academy expanded into St. Louis College in 1820, and a brick building, two stories high, was erected for the accommodation of the students on Walnut street, between Second and Third streets.

Although the college was successful and the mother of many students eminent in after life, yet the secular clergy found it difficult to attend to their professorial work in St. Louis College, owing to their numerous ecclesiastical duties.

In consequence, Bishop DuBourg had intended to hand the institution over to the Jesuits a few years after its foundation, for he realized that its existence would be precarious without some such guarantee for supplying a corps of trained professors. He had, therefore, made application to the Provincial of the Jesuits of Maryland, but his request could not be granted, as the establishment of the Society of Jesus at Georgetown and elsewhere in the Eastern States fully occupied all the members at that time. The disappointment, however, was to be only temporary.

Early in 1823, Bishop DuBourg visited Washington to consult with James Monroe, President of the United States, and John C. Calhoun, the Secretary of War, on the Indian affairs of his diocese. Secretary Calhoun suggested that he invite the

Maryland Jesuits to give him their assistance in his difficult pioneer work. DuBourg, thereupon, again entered into negotiations with the Provincial of Maryland, offering to make over to the Society of Jesus his Cathedral property in St. Louis, which comprised church and college, as well as a farm near Florissant, Mo., for an Indian Seminary, if the Jesuits would establish themselves in his diocese. The Provincial accepted that part of the proposition which referred to the Indian Seminary, but stated that priests could not then be spared for the St. Louis project.

Thus, finally in June, 1823, the Jesuits from Whitemarsh, Maryland, took up their abode at Florissant, where they opened a seminary for the instruction of the Indians. It was not until a somewhat later date that they yielded to Bishop DuBourg's urgent solicitations to take over St. Louis College.

The last session of the college under its old management was that of 1826-27. As the Jesuits desired to have a boarding school as well as a day school, it was decided to erect a new college structure at Washington avenue and Ninth street, then outside the limits of St. Louis, on property donated by the Bishop. During the interval of building, the Jesuits accommodated St. Louis pupils at Florissant late in the session of 1827-28, where also the entire session of 1828-29 was passed. Thence they were transferred to the new building in St. Louis, where classes began on November 2, 1829.

It is noteworthy that it was a Jesuit, James Marquette, S. J., who, in 1673, first viewed the site of our future city, and when Pierre Laclede founded St. Louis in 1764, it was another Jesuit, Sebastian Meurin, S. J., who first ministered to the spiritual wants of the colonists, who were all Catholics.

In its new location St. Louis College flourished, and in 1832 received its charter as a University by act of the Missouri Legislature. The president at once set about the preparatory steps for organizing the post-graduate faculties. In 1834 the Divinity Faculty was established, but in 1860 the theological students were transferred to the Jesuit college at Boston, Mass.

In 1836 the Faculty of Medicine was constituted, and when for some reason it became inoperative in 1840, a new faculty was organized in 1842. The medical school was eminently successful until 1855, when, owing to the Know-Nothing movement, its separation from the University was deemed advisable. A Law Faculty was organized in 1843 and continued sessions until 1847.

Owing to the encroachments of the business districts, the University site became unsuited to educational purposes, and in 1888 the institution was transferred to a new and more favorable situation in the western part of the city. The undergraduate department was opened on Grand avenue in 1888; the School of Philosophy and Science, Lindell Boulevard, in 1889; the School of Divinity on West Pine Boulevard in 1899.

In May, 1901, two of the best medical schools of the State, the Marion-Sims Medical College and the Beaumont Hospital Medical College, were consolidated for the purpose of strengthening the advantages which they offered. This consolidated Marion-Sims-Beaumont College of Medicine was acquired by the St. Louis University in May, 1903, as a component part of the institution.

A School of Dentistry was added in 1908 by the affiliation of the St. Louis Dental College with the University.

In the autumn of the same year the Faculty of Law was restored, and a School of Advanced Science was also inaugurated.

The School of Commerce and Finance was organized October 3, 1910.

St. Louis University is the oldest university in the Louisiana Purchase Territory and probably the oldest west of the Mississippi River.

Degrees

The degree of Bachelor of Arts (A. B.) is conferred upon those who successfully complete the Courses as outlined on page 243.

The degree of Bachelor of Science (B. S.) is conferred upon those students who have satisfactorily completed the Courses outlined on page 246.

The degree of Bachelor of Science in Medicine (B. S. in Medicine) is conferred upon those students who have satisfactorily completed the combined College and Medical Course—six years—as outlined on page 88.

The degree of Bachelor of Literature (Litt. B.) is conferred on those who devote most of their attention to modern literature and substitute modern languages for the ancient classics prescribed in the A. B. Course. For details of this course see page 247.

The degree of Bachelor of Philosophy (Ph. B.) is conferred on those who substitute modern languages for the ancient classics prescribed in the A. B. Course in addition to the number of courses required in the departments of Philosophy, English, History, Economics, etc. For further information inquire of Dean of the College of Arts.

The degrees of Master of Arts (M. A.) and Master of Science (M. S.) are conferred on those who comply with the conditions stated on pages 241-242.

The conditions for obtaining the degree of Doctor of Philosophy are outlined on page 242.

The requirements for the degrees of M. D., D. D. S., LL. B., B. C. S., etc., conferred by the University, will be found stated in the appropriate places under the different departments.

No degrees will be given to those who have not satisfied their obligations to the institution.

Scholarships

See departments of Medicine, Law, Commerce and Finance, Arts and Sciences.

Discipline

Regularity in attendance, earnest application to the work assigned, conformity to the regulations, and gentlemanly conduct are required of all the students of the institution. Any serious neglect in these essential points will render the offender liable to effective correction, and even to dismissal.

The University does not hold itself responsible for offenses committed out of its jurisdiction; yet any conduct that is detrimental to the reputation of the institution, or that hinders the advancement or moral good of other students, is sufficient cause for suspension or expulsion.

Expenses

As the institution is not endowed, it is entirely dependent for its support on fees paid for tuition.

A statement of fees for the regular course in any of the departments will be found in its appropriate place under that department.

School of Medicine

School of Medicine

Officers

REV. BERNARD J. OTTING, S. J.,
President of the University.

HANAU W. LOEB, A. M., M. D.,
Dean.

CHARLES H. CLOUD, S. J.,
Regent.

DON R. JOSEPH, M. S., M. D.,
Secretary of the Administrative Board.

DANIEL M. SCHOEMAKER, B. S., M. D.,
Secretary of the Council.

CARROLL SMITH, A.B., M. D.,
Secretary of the Faculty.

Introductory Statement

History

See page 75.

The School Buildings

The buildings of the Medical School are located on Compton Hill, the highest point in the city of St. Louis. The College property includes an acre and a half of ground upon the corner of Grand avenue and Caroline street, and comprises the Medical building and the Laboratory building, to which a wing 30x40 feet in size was added during the session of 1912-13.

All portions of the city are readily accessible by means of electric lines passing the School or in its immediate vicinity, thus greatly extending the territory from which patients are drawn for the clinics. The City Hospital, St. John's Hospital and St. Mary's Infirmary are within twenty minutes' ride from the Medical School. The City Sanitarium, the St. Ann's Asylum and the Alexian Brothers' Hospital are about thirty minutes' ride from the School.

The Main Building

The main College building is four stories high. The first floor is devoted to the use of the St. Louis University Dispensary. The second floor contains the large amphitheater, with operating rooms attached, and research rooms for Pathology and Bacteriology. On the third floor are two lecture halls and the research rooms of the Department of Anatomy. These research rooms are provided with such apparatus and materials as are necessary for investigation in these subjects.

The fourth floor contains the dissecting room, 55 by 55 feet, and the laboratory for the study of cross sections, both well lighted by both skylight and windows. On this same floor are the prosecting, embalming and storage rooms of the Department of Anatomy.

The Laboratory Building

The first floor contains the laboratory for Chemistry, 36 by 56 feet, which is equipped with lockers, water, gas and complete sets of reagents and apparatus for individual laboratory practice for each student.

The entire second floor is devoted to laboratory instruction in Histology, Pathology and Bacteriology. This laboratory room is 36 by 50, lighted on the east and west sides. Accommodations are provided for eighty students. The laboratory is equipped with high-grade microscopes and with other appliances for good teaching. It has in connection with it the Museum and private rooms for instructors.

The third floor contains the laboratories of Physiology. These comprise two large student laboratories. The equipment includes a full complement of instruments for experimental work. There are also four research laboratories, a shop, a storeroom and dark room for the Physiological Department.

The new wing contains toilets, janitors' quarters and a laboratory on the first floor, the office and library on the second floor, and laboratories for physiological research, animal operating room and hospital and a shop on the third floor. Good quarters for dogs, rabbits, frogs, etc., used in experimental work, are located on the roof.

Library

The library is open to students from 8 in the morning to 5 in the afternoon; the reading room is well lighted and ventilated. It contains about 5,200 bound volumes. In addition to these the special libraries maintained by the various depart-

ments will bring the total of bound volumes up to 8,300. Moreover, there are some 4,500 unbound pamphlets on special subjects. These are available for students doing special work.

In addition to the American weekly and monthly medical publications of general character, 65 standard scientific journals are received.

Clinical Facilities

The University is able to offer good facilities for practical clinical teaching in the following institutions in which appointments to the Medical Staff are made as specified:

I. BY THE HOSPITAL COMMISSIONER ON NOMINATION BY THE UNIVERSITY.

1. St. Louis City Hospital (250 of the 800 beds.)
2. St. Louis Isolation Hospital (one-half of the Service).
3. St. Louis Sanitarium (Visiting Surgeon).

II. BY THE UNIVERSITY SUBJECT TO APPROVAL OF THE *HOSPITAL AUTHORITIES:

4. Alexian Brothers' Hospital.
5. St. John's Hospital.
6. Mt. St. Rose Hospital.
7. St. Ann's Lying In Infirmary.
8. St. Ann's Foundling Asylum.
9. St. John's Clinical Dispensary.
10. Alexian Brothers' Dispensary.
11. St. Mary's Free Dispensary.

III. BY THE UNIVERSITY DIRECT:

12. St. Louis University Dispensary.
13. St. Louis Obstetric Dispensary.

IV. BY THE HOSPITAL AUTHORITIES, IN CLOSE AFFILIATION WITH THE UNIVERSITY:

14. St. Mary's Infirmary.

*No recommendation of the University has thus far been disapproved.

V. BY HOSPITAL AUTHORITIES ENTIRELY INDEPENDENT OF THE UNIVERSITY:

15. Jewish Hospital Dispensary.

Clinical Instruction

JUNIOR CLASS:

For the Junior year, clinical instruction is given as follows:

1. By clinical lectures and demonstrations in Medicine and Surgery to divisions of half the class at the City Hospital and St. John's Hospital.

2. By practical work in Medicine and Surgery in small sections at the following dispensaries:

St. Louis University Dispensary.

St. John's Clinical Dispensary.

Alexian Brothers' Dispensary.

Jewish Hospital Dispensary.

In this respect arrangements are made so that each student has a dispensary service in medicine and surgery three days a week without conflict with his other work.

SENIOR CLASS:

For the Senior year, clinical instruction is required as follows:

1. Extern service at St. John's Hospital, St. Mary's Infirmary or Alexian Brothers' Hospital every day except Saturday from 9 to 12, or for eight weeks in medicine and eight weeks in surgery.

2. Extern service at the City Hospital every day from 9 to 12, for four weeks in medicine and four weeks in surgery.

3. Instruction in Dermatology, Diseases of Children, Ear, Nose and Throat Diseases, Genito-Urinary Diseases, Nervous and Mental Diseases, Gynecology, Ophthalmology and Orthopedic Surgery, in sections of four or five at the various hospitals and dispensaries, affiliated with the institution.

4. Seven obstetric cases are required of each candidate for graduation, delivered under the supervision of an instructor in the following institutions:

St. Ann's Lying-In Infirmary.

St. Louis City Hospital.

St. Louis Obstetric Dispensary.

5. Clinical Lectures and Demonstrations for one semester, 2 hours a week.

In Diseases of Children at St. Ann's Foundling Asylum.

In Mental Diseases at St. Louis City Sanitarium.

ST. LOUIS CITY HOSPITAL AND ISOLATION HOSPITAL.

By the order of the Director of Public Welfare and the Hospital Commissioner, the University was permitted to name the Medical Staff to Unit Two of the City Hospital and at the Isolation Hospital on November 1st, 1914.

These authorities have extended the privileges so that at the present time the University commands the service to the extent of 250 definitely assigned beds, interns and seniors, in the City Hospital and one-half of the patients in the Isolation Hospital. Aside from the advantage to the patients by this method of selecting the Medical Staff, the Hospital fulfills its other great function of providing clinical instruction for students in medicine.

Outlines of Courses

Outline of the Course in Medicine

FIRST OR FRESHMAN YEAR. Anatomy: Dissection, Histology, Embryology, Neurology; Organic and Physiological Chemistry.

SECOND OR SOPHOMORE YEAR. Topographical Anatomy, Physiology, Bacteriology, Pathology, Immunity, Materia Medica, Pharmacology, Normal Physical Diagnosis and Surgery.

THIRD OR JUNIOR YEAR. Medicine, Pediatrics, Physical Diagnosis, Clinical Pathology, Nervous Diseases, Pharmacology, Obstetrics, Surgical Pathology, Principles of Surgery, Orthopedic Surgery, Fractures and Dislocations, Gynecology, Therapeutics, Hygiene and Ophthalmology. Also Medical and Surgical Clinics, chiefly diagnostic. Practical work in Obstetrics.

FOURTH OR SENIOR YEAR. Chiefly clinical and largely in small sections at the hospitals and dispensaries. Extern service, twelve weeks in Medicine and twelve weeks in Surgery. Practice in Obstetrics. Also didactic courses in Dermatology and Syphilis, Diseases of Children, Genito-Urinary Diseases, Gynecology, Obstetrics, Dietetics, Nervous and Mental Diseases, Ear, Nose and Throat Diseases, Ophthalmology, Regional Surgery and on special topics in Medicine, Medical Law and Ethics.

Outline of Combined Course in Science and Medicine

A six year course is offered in conjunction with the College of Arts and Science leading to the B. S. degree in four years and the M. D. degree in six years.

Sixty credit hours of work in an acceptable College are required as follows:

Physics, 8; Chemistry, 12; Biology, 8; German or French, 8; English, 6; Electives, 18.

The Council is given authority to evaluate credits from other institutions and to decide what electives may be taken.

The following plan is recommended for graduates of accredited high schools who enter upon the six years course:

First Year

DEPARTMENT	Hours per Week		Didactic	Laboratory
	First Semester	Second Semester		
French or German.....	4	4	128	.....
Biology.....	4	4	64	192
Chemistry, Inorganic.....	4	4	64	192
English.....	3	3	96	.....
Total.....	15	15	352	384

Second Year

DEPARTMENT	Hours per Week		Didactic	Laboratory
	First Semester	Second Semester		
French or German.....	4	4	128	.....
Physics.....	4	4	64	192
Psychology.....	3	.....	48	.....
Ethics and Logic.....	.....	3	48	.....
Genetics.....	.....	2	32	.....
Elementary Embryology.....	.....	2	16	48
Analytical Chemistry.....	4	.....	32	96
Total.....	15	15	368	336

Departmental Announcements

Anatomy, Histology, Neurology and Biology

The Anatomical, Histological and Embryological Laboratories, Museum and Library

The anatomical laboratories occupy the top floor of the main building. They comprise the following: Large dissecting room 55 by 55 feet, which is well lighted by both skylights and windows; a study and recitation room, 36x36; private rooms for prosecuting and research work; an embalming room and a storage room. An abundance of material for class and research work is provided and great care is taken in its preparation.

The laboratories of histology, neurology and embryology are on the second floor of the laboratory building. The laboratories are equipped with one hundred modern Leitz microscopes, together with apparatus and sets of reagents for histological and embryological work.

On the third floor is a series of private work rooms for instructors and advanced students. These rooms connect with the research laboratory, which is equipped with apparatus for investigative work. During the past twelve years a considerable amount of anatomical material has been prepared for special work. A fairly large collection of human embryos and an embryological series of several vertebrates, provide material for investigation and class work.

The anatomical library contains all the standard textbooks and about 2,000 special monographs.

Students who are suitably qualified, and physicians who desire to do research work in the lines of anatomy, histology, neurology or embryology, will receive every encouragement which the department is able to offer.

Courses in Anatomy

1. HUMAN DISSECTION. The student makes a dissection of one-half of the body.

Laboratory, twelve hours a week, first semester, first year.

2. RECITATION IN GROSS ANATOMY, two hours a week, with course 1.

3. HUMAN DISSECTION. (Continuation of Course 1.)

Laboratory, ten hours a week, second semester, first year.

4. RECITATION IN GROSS ANATOMY, two hours a week, with Course 3.

Prerequisite for Courses 1 and 4—one year's preparation in Biology.

5. TOPOGRAPHICAL ANATOMY. Having completed the systematic dissections, the student proceeds to a study of the topography and relations of the various regions and parts of the body by means of serial sections of formalin-hardened bodies.

Laboratory, eight hours a week. Recitations two hours a week, first semester, second year.

Histology

6. This course presupposes familiarity with the use of the microscope and with microscopic methods. Various parts and organs are studied with reference to complexity in structure rather than location. The student is expected to provide himself with one hundred 4x6 library cards, and will make one drawing on each card, together with a notation of structural characteristic. Slides will be given out stained and mounted. The last two weeks are devoted to a review and the cards arranged according to the various systems and tracts. This course is primarily designed as a preparation for the study of pathology.

Lecture three hours; laboratory six hours a week, first semester, first year.

Embryology

7. The course in embryology presupposes certain fundamental knowledge of vertebrate biology and a course in general embryology of amphibian, reptile, bird and mammal is suggested as preparation. The study is confined to the relations as obtained in a 12 mm. and 16 mm. pig serial and is accompanied by gross dissection of larger pig embryos. The relations of tracts and systems are charted by the graphic method and the course is primarily one of organogenesis.

Lectures three hours; laboratory six hours a week, first half, second semester, first year.

Neurology

8. The second half semester is occupied by a brief course in the development of the nervous system and special sense organs. The student is required to make drawings of selected sections from a human brain stem serial and to dissect a human brain. The course concludes with the histology of the brain and special sense organs. The course is given as a preparation for the course in the physiology of the central nervous system.

Lecture three hours; laboratory six hours a week, second half, second semester, first year.

Biology

9. INVERTEBRATE ZOOLOGY. A study of the morphology, physiology, behavior, and life history of invertebrate animals. Special attention is given to parasitic protozoa, worms and disease bearing insects. Lectures and recitations, two hours a week; laboratory work, six hours a week, first Collegiate-Medical year, first semester.

10. VERTEBRATE ZOOLOGY. A study of the comparative anatomy and physiology of vertebrate animals. Attention is also given to problems of broader biological interest. Lectures and recitations, two hours a week; laboratory work, six hours a week, first Collegiate-Medical year, second semester.

Comparative Embryology

11. A comparative study of the origin, derivation and maturation of germ cells, and the early developmental stages of representative types of invertebrates and vertebrates. This course is designed to prepare the student for Course 7. Lectures one hour per week; laboratory work three hours per week.

Second semester, second Collegiate-Medical year.

Genetics

12. A study of the general problems of organic evolution and heredity, with a review of the more recent experimental work in animal and plant breeding. Lectures two hours per week.

Second semester, second Collegiate-Medical year.

Preparation in Biology prerequisite for these courses.

Research Courses

13. ANATOMICAL, HISTOLOGICAL, AND EMBRYOLOGICAL RESEARCH. Hours to be arranged.

14. SEMINAR. The members of the department will meet fortnightly with those in Physiology and Pathology to present and discuss the results of their special investigations, to review recent contributions to anatomical literature and to consider the best lines of advance in selected fields of anatomical research.

Chemistry

1. GENERAL CHEMISTRY. Lectures and recitations, two hours each week throughout the First Collegiate-Medical year. Chemical Theory from the viewpoint of medical practice. The fundamental principles of chemistry illustrated and explained by those substances and reactions which are industrially, historically or physiologically important. The elements of toxicology and the toxicology of inorganic substances.

2. LABORATORY EXERCISES, six hours each week throughout the first Collegiate-Medical year.

A careful study of qualitative and quantitative reactions, designed to confirm and illustrate the laws of chemical action. Together with those of the following courses, these exercises are intended to lead the student to such a mastery of chemical methods as will enable him intelligently and effectively to attack, from their chemical side, the problems which medical practice will later propose.

3. ANALYTICAL CHEMISTRY. Second Collegiate year: First semester. A large amount of practical work in unknowns will be required. Volumetric and gravimetric methods of quantitative analysis.

4. ORGANIC CHEMISTRY. Lectures and recitations three hours each week, first semester, Freshman year. Outline of organic chemistry, with emphasis on the properties of the chief classes of organic substances and on the reactions which may be employed in their recognition. The toxicology of organic poisons.

5. LABORATORY EXERCISES, nine hours each week, first semester, Freshman year. A limited number of organic syntheses followed by numerous general and specific qualitative reactions for the recognition of important classes of organic compounds, as well as of individual substances. Methods of detecting the more common organic poisons and of discovering dangerous impurities in suspected therapeutic agents.

6. PHYSIOLOGICAL CHEMISTRY. Lectures and recitations, four hours each week, second semester, Freshman year. A detailed study: (1) of the chemistry of the chief constituents of foods; (2) of the varied processes of food metabolism; (3) of the intermediary and end products of these processes; (4) of the more important animal tissues, secretions and excretions.

7. LABORATORY EXERCISES, eight hours each week, second semester, Freshman year. An extended individual study of

the above processes; with preparations, tests and quantitative determinations of those substances met with, which have biological or clinical importance, especially those in blood and urine.

Dermatology and Syphilology

1. LECTURES ON DERMATOLOGY AND SYPHILOLOGY, including Vaccination, to the Senior class, one hour each week, first semester.

2. PRACTICAL CLINICAL INSTRUCTION IN DERMATOLOGY AND SYPHILOLOGY to the Senior class in sections, thirty-two hours for each student; St. Louis University Dispensary, City Hospital, Alexian Brothers' Hospital and St. Mary's Dispensary.

Diseases of Children

1. LECTURES: Didactic Lecture, one hour each week to the Junior class, throughout the year.

2. CLINICAL INSTRUCTION, Children's Clinic, St. Louis University Dispensary, one hour each week for the Junior class in sections, throughout the year.

3. PHYSICAL DIAGNOSIS OF INFANTS AND INFANTS' FEEDING, three hours each week throughout the year to the Senior class, in divisions; 48 hours to each student; at various institutions.

4. CLINICAL INSTRUCTION, in sections, at the City Hospital, Infectious Hospital, Jewish Dispensary and St. John's Dispensary and at other institutions for the Senior class, in sections, 40 hours each student.

5. DIDACTIC LECTURES, to Senior class, one hour each week. This course comprises lectures on selected topics by members of the department.

Ear, Nose and Throat Diseases

1. CLINICAL LECTURES, with recitations, one hour a week, to the Senior class. As large a portion of the subject as possible is presented in these clinical lectures. Patients are

brought before the class to illustrate points in diagnosis symptomatology, history taking and prognosis. Where the subject does not lend itself well to demonstration by this method, lectures are given and conferences or recitations are held.

From time to time topics are assigned which students are required to study in text-books and other publications which are available. After a proper time they are required to present a written thesis upon the subject. The German publications are referred to one or two students, the French to one or two, and also the English. The written papers are read before the class and a general discussion indulged in by the members.

Several periods of this course will be assigned to the following instructors, who will present designated topics to the class.

2a. ANATOMY OF THE NOSE. Senior class in sections, the large collection of preparations belonging to the department being available for this purpose. Two hours.

2b. ANATOMY OF THE PHARYNX AND LARYNX. Senior class in sections. Two hours.

2c. ANATOMY OF THE EAR. The Gross Anatomy of the Ear. Demonstrations to the Senior class in sections. Two hours.

3. PRACTICAL CLINICAL INSTRUCTION, Senior class in sections, thirty-six hours for each student: St. Louis University Dispensary, St. John's Clinical Dispensary, Alexian Brothers' Dispensary, St. John's Hospital and City Hospital.

4. POST-GRADUATE INSTRUCTION. The following institutions are available for instruction: City Hospital, St. Louis University Dispensary, St. John's Hospital, Alexian Brothers' Hospital.

5. ORAL SURGERY. Demonstrations by operations.

Genito-Urinary Surgery

1. LECTURES, twenty hours in all, to the Senior class, first semester.

2. CLINICAL INSTRUCTION to the Senior class in sections, thirty-six hours for each student: University Dispensary, City Hospital, Alexian Brothers' Dispensary, St. John's Hospital.

Hygiene and Preventive Medicine

1. LECTURES. This course embraces the principles of sanitary science, public health and preventive medicine. Junior class, one hour a week throughout the year.

a. It begins with the study of the causes of disease; extrinsic or environmental; intrinsic or constitutional.

b. Ancient and modern conception of the cause of disease. Development of bacteriology. Infection. Immunity.

c. Environmental causes of disease. Air, Water, Temperature, Foods.

d. Municipal Sanitation. State and Federal control.

e. Occupational Disease.

f. Personal Hygiene.

g. Preventive Medicine, based upon a thorough study and understanding of the causes of infectious diseases and the methods by which they are spread.

h. Quarantine, Isolation, Disinfection.

Medical Law and Ethics

1. LECTURES. Positive Law and the Profession of Medicine, two hours a week throughout the first semester, to the Senior class.

2. LECTURES. Natural Law and the Profession of Medicine, one hour a week for eight weeks, second semester, to the Senior class.

Medicine

The course in medicine begins in the second semester of the second year with the study of Normal Physical Diagnosis. A routine examination of the body is insisted upon from the beginning, so that a definite method will be fixed in the student's mind.

During the third year symptomatology and diagnosis are given especial emphasis. The class matter consists of Clinical Pathology; of quiz work in small sections from a standard text-book of medicine; of division clinics to follow and emphasize the text-book teaching; of Physical Diagnosis and diagnostic methods; and of practical application in the out-patient clinics.

The fourth year is given to the study of disease in the out-patients' departments and in bedside instruction in the various hospitals. A course of lectures is also given on selected topics by the different members of the department. Clinical conferences are conducted, in which reports of interesting cases, essays on selected topics, etc., are discussed by the students themselves. Clinical Pathology, analyses and all forms of laboratory diagnosis demanded of the students are conducted in a laboratory especially fitted out for the use of Senior students.

1. NORMAL PHYSICAL DIAGNOSIS, lectures, one hour a week. Laboratory, two hours a week. Sophomore class during the second semester.

2. RECITATIONS FROM TEXT-BOOK, three hours a week, Junior class, throughout the year.

3. DIAGNOSTIC CLINICS, Junior class, to follow text-book work, two hours a week throughout the year: City Hospital and St. John's Hospital.

4. PHYSICAL DIAGNOSIS, Junior class, four hours a week, half clinical and half didactic, devoted to lectures, demonstrations and practical exercises at the bedside.

5. CLINICAL PATHOLOGY, Junior class, two hours lecture and four hours laboratory a week, first semester.

6. LECTURES ON CLINICAL PHYSIOLOGY, for Juniors, one hour a week throughout the year. Professor NEILSON.

7. OUT-PATIENT PRACTICE, in sections, Junior class, 32 hours for each student, throughout the year, at the Dispensaries.

8. THERAPEUTICS. Lectures and recitations three hours a week, second semester, Junior class.

9. LECTURES ON SELECTED TOPICS, one hour a week, Senior class, throughout the year.

10. EXTERN SERVICE, three hours five days a week for twelve weeks for each Senior student, a total of 180 hours; Alexian Brothers' Hospital, City Hospital, St. John's Hospital and St. Mary's Infirmary.

11. CLINICAL CONFERENCES BY DIFFERENT MEMBERS OF THE DEPARTMENT, one hour a week throughout the Senior year.

12. CLINICAL PATHOLOGY, Senior class in sections, in connection with Extern Service at the various hospitals.

13. DICTO-THERAPY, two hours a week, first semester, Senior class.

Nervous and Mental Diseases

1. NEUROLOGY. Recitations from text book. Junior class in two divisions, one hour a week.

2. TECHNIC OF NEUROLOGICAL EXAMINATIONS. Junior class in sections, 12 hours, at the City Hospital.

3. NEUROLOGY. Senior class in two divisions, one hour a week.

4. NORMAL PSYCHOLOGY AND PSYCHIATRIC METHODS. Junior class one hour a week, first semester.

5. PSYCHIATRY. Recitations from text book. Junior class in two divisions, one hour a week, second semester.

6. PSYCHIATRY. Clinical Course at the City Sanitarium, Senior class, 32 hours.

7. NEUROLOGY. Clinical instruction in Dispensaries and ward work in St. Louis City and Alexian Brothers' Hospitals. Senior class, 30 hours.

Obstetrics and Gynecology

Obstetrics

1. LECTURES: NORMAL LABOR, two hours a week to the Junior class, during the first semester.

2. RECITATIONS: COMPLICATIONS OF LABOR, one hour a week, Junior class, during second semester. A standard textbook is used as the basis for this course.

3. LECTURES: OPERATIVE OBSTETRICS, one hour a week, to Junior class, second semester.

4. CLINICAL DEMONSTRATIONS in sections, Junior class, second semester, six hours for each student.

5. LECTURES, DYSTOCIA AND PATHOLOGY OF THE PUERPERIUM, one hour a week throughout the year to Senior class.

6. RECITATIONS AND QUIZZES, one hour a week, second semester, to Senior class.

7. DEMONSTRATIONS AND PRACTICE ON MANIKIN. Begins with four lectures to entire Senior Class (4 hours), followed by sectional instruction on the manikin, three hours for each student, second semester.

8. PRACTICAL INSTRUCTION. Each student must personally attend at least seven cases, about 100 hours. Record of the cases before and after confinement must be filed at the office. This work is given in the Senior year.

Gynecology

9. LECTURES AND DEMONSTRATIONS. The Etiology, Pathology and Symptomatology of Gynecological Diseases, two hours a week to the Junior class, second semester.

10. GYNECOLOGICAL EXAMINATIONS (with Course 4.)

11. DIDACTIC AND CLINICAL LECTURES WITH DEMONSTRATIONS, on selected topics one hour a week, to the Senior class. By members of the department.

12. QUIZZES AND CONFERENCES, one hour a week during one semester, to the Senior class.

13. PRACTICAL INSTRUCTION IN DISPENSARY AND WARDS, twenty-five hours for each student.

Ophthalmology

1. LECTURES to Junior class, one hour a week, second semester.

2. CLINICAL AND DIDACTIC LECTURES to Senior class one hour a week throughout the year.

3. CLINICAL INSTRUCTION to Senior class in sections, 18 hours for each student: St. Louis University Dispensary, Alexian Brothers' Dispensary, St. Mary's Dispensary, St. John's Dispensary.

Pathology and Bacteriology

Equipment

The laboratories for this department consist of a large well-lighted room with ample capacity for eighty students, a research laboratory, preparation rooms and private rooms for the teachers of the department.

The laboratories are equipped with one hundred modern Leitz microscopes (which are used in common with histology), oil immersion lenses, projectascope, and all necessary material for teaching and research in Pathology and Bacteriology according to advanced standards.

In the pathological research laboratory is ample equipment for all kinds of histological work, including paraffin, celloidin and freezing methods of tissue preparations, microtomes, incubators, thermostats, reagents, stains, museum jars, glassware, etc. There is also equipment for serum and immunity work.

The material for teaching and research purposes represents carefully selected tissues from autopsies and surgical operations that have been collected for a number of years.

Material for gross demonstrations comprises several hundred museum specimens covering a great variety of special lesions and including malignant and benign new growths.

General and Special Pathology

The course in Pathology consists of laboratory work, demonstrations, post-mortem examinations, lectures and recitations, practical work predominating.

Lectures or recitations are given three times a week. It is the object of the lecturer to cover in the course of a year

all of the essential points in general and special pathology. The topics of the lectures precede the laboratory work, so that the student has fresh in mind a general survey of a given subject immediately before he begins its more specific study with tissue and microscope.

Six hours a week throughout the year are devoted to laboratory work. Each student mounts and keeps his own specimens. In addition a large number of specially selected demonstration specimens are shown. Every specimen must be drawn and objectively described and deductions made from the observations. Every drawing and description is submitted to an instructor and must be satisfactory before it is passed by him.

In addition to the microscopic work, demonstrations are given of gross lesions, both by means of fresh material and museum preparations, so that a knowledge of the gross appearance goes along with the study of microscopic changes.

Autopsies

The Snodgrass Laboratory of Pathology and Bacteriology, in connection with the City Hospital, offers, through the courtesy of the Hospital Commissioner and the Director of the Laboratory, opportunity for autopsy material to the medical schools of St. Louis. Sections of the class are sent to the Snodgrass Laboratory for autopsy work. The private hospitals furnish a considerable number of autopsies to the Department. An opportunity to see specially selected medico-legal autopsies has been made possible through the courtesy of the Coroner of St. Louis.

Surgical Pathology

The teaching in this course is included in the course given in the Sophomore year in general pathology. The object of the course is to equip the student with a comprehensive knowledge of the gross and microscopical appearance of benign and malignant new growths, the changes caused by these, and the ultimate results. The etiology, development, method of growth, spread and recurrence of tumors is studied.

Gynecological and Obstetrical Pathology

This course was established with the purpose of correlating the pathological findings of the female pelvic organs with the symptomatology as described in the lectures on Gynecology and Obstetrics. It is therefore supplementary to these lectures and gives the student a comprehensive picture of the physiological and pathological changes, both gross and microscopic, which take place in these tissues.

As many gross specimens as are available are shown illustrating the topics under discussion, and slides of all the important pathological processes are furnished the students as a part of their permanent collections whenever possible.

Experimental Pathology

Students who show special interest in the work will be given an opportunity to participate in the experimental work that is conducted in the department. Special demonstrations along this line are given to the class from time to time in connection with diseases of the circulatory and respiratory systems, ductless glands and immunity.

Research Courses

Every encouragement will be given to those who wish to undertake research work. A limited number who desire can receive instruction in methods of fixing, mounting and cutting sections, and in the various differential stains, and all essential features of pathological technic.

Bacteriology

In the course in Bacteriology the especial effort is made to correlate the study of the pathogenic micro-organisms with the pathological manifestations. For this purpose the gross and microscopic pathology of the diseases produced by the micro-organisms is correlated with the study of the individual organisms.

The lectures cover the biological position of the various pathogenic micro-organisms, the general morphology, and classification of the organisms, their biology and occurrence, the principles of disinfection and sterilization, methods of examining and identifying bacteria, and finally the study of the individual pathogenic micro-organisms. The laboratory course dwells chiefly upon the methods of cultivation and identification of the various pathogenic bacteria, special staining methods, or cultural methods. The student is given the opportunity to familiarize himself with methods of sterilization and preparation of media, but relatively little time is spent upon this work. He is taught the principles of bacteriological examination of water, air and soil, and the practical value of such examinations. The bacteriological examination of sputum or smears is dwelt upon.

Parasitology

In the continuation of the course in Bacteriology the higher unicellular organisms causing disease in humans are studied; demonstrations of the spirochetes, trypanosomes, hemocytozoa and other protozoa are given and when possible the living organisms are studied by the students, in order to enable them to familiarize themselves with the structure and life cycle of these organisms.

Serology and Immunity

The lectures deal with the principles of immunity, the various types of immunity, the immune bodies and the method of their production, their relation to the reaction of the human body to infection, and the use of specific serum therapy in disease. The various clinical uses of the serum reactions, Wassermann reaction, Widal reaction and preparation of vaccines, are demonstrated and the student is given the opportunity to learn by practical exercise the method of the more common clinical serological methods. In other cases demonstrations are given to illustrate the various reactions of im-

munity, and to make more clear the mechanism of immunity. In all such demonstrations the students are given as much opportunity as possible to assist in the experiment.

Courses in Pathology

1. LECTURES OR RECITATIONS, six hours a week, second semester, the Sophomore class, covering general and special pathology.

2. LABORATORY WORK, twelve hours a week, Sophomore class, second semester.

3. AUTOPSIES, three hours a week to sections of the Sophomore class, the equivalent of one hour a week for each student included in Course 2. Snodgrass Laboratory, City Morgue.

4. NEUROPATHOLOGY, four lectures and laboratory periods, as part of Courses 1 and 2.

5. SURGICAL PATHOLOGY. Eighteen hours a week for two weeks as part of Courses 1 and 2.

6. GYNECOLOGICAL PATHOLOGY. Two hours a week for the second semester, Junior class.

Courses in Bacteriology and Parasitology

7. LECTURES AND QUIZZES IN BACTERIOLOGY, two hours a week during the first semester, Sophomore class.

8. LABORATORY WORK IN BACTERIOLOGY. Six hours a week during the first semester of the Sophomore year.

9. LECTURES IN IMMUNITY, one hour a week during the first semester, Sophomore class.

10. LABORATORY WORK IN IMMUNITY, four hours a week during the first semester, Sophomore year.

Research Courses

11. RESEARCH IN PATHOLOGY AND BACTERIOLOGY.

12. SEMINAR. The members of the department will meet fortnightly with those in Anatomy and Physiology to present

and discuss the results of their special investigations, to review recent contributions to pathological literature and to consider the best lines of advance in selected fields of research.

Physics

1. COLLEGE PHYSICS, lectures and demonstrations, two hours a week; laboratory, six hours a week, course open to Collegiate-Medical students.

This course is given in the Physics Laboratory of the College.

Physiology and Pharmacology

Laboratories and Library

The laboratories for Physiology and Pharmacology occupy the top floor of the new building. They are fitted out with the apparatus necessary for modern courses for medical students. Several small laboratories for research have also been equipped. In the new wing recently completed are an animal operating room, an animal hospital, a shop and two research laboratories. An animal house and runway occupy the roof of the wing. A departmental library is maintained for the use of teachers and students.

Instruction

The instruction in Physiology is given during the first semester of the Sophomore year. The student before beginning his work in Physiology has completed his dissection, histology, neurology, embryology, organic and physiological chemistry.

The courses consist of systematic lectures upon animal physiology supplemented by work in the laboratory, demonstration of experiments that cannot be carried out conveniently by the student, frequent oral or written quizzes and recitations.

In the laboratory the student becomes acquainted with the use of simpler forms of physiological apparatus. He is

given an opportunity to work out for himself, so far as time will permit, the fundamental experiments of physiology; to develop the power of accurate observation and description; the ability to arrange results in a logical order and to draw only warranted conclusions.

The strong modern tendency toward lack of correlation between the fundamental and clinical years is recognized and an attempt made in the course in physiology to so clinch the information given the student that when he comes to his clinical work it will be easily available. This is done, for example, by indicating now and then some pathological variation in function encountered by the student in his clinical medicine. Occasionally also an Instructor from the proper department is called in to demonstrate a human subject that shows in some respect a clean-cut deviation from the normal.

Courses in Physiology

1. **PHYSIOLOGY OF MUSCLE, BLOOD, CIRCULATION, RESPIRATION AND ANIMAL HEAT.** First eight weeks, first semester, Sophomore year.

Lectures, demonstrations, recitations and quizzes, eight hours a week.

2. **PHYSIOLOGY OF THE NERVOUS SYSTEM, SENSES, DIGESTION, ABSORPTION, METABOLISM AND EXCRETION.** Second eight weeks, first semester, Sophomore year.

Lectures, demonstrations, recitations and quizzes, eight hours a week.

Laboratory work, eight hours a week, during first semester, Sophomore year, accompanying Courses 1 and 2.

3. **LIBRARY WORK.** Each student in Courses 1 and 2 is assigned a subject, with references to the original literature, which he must consult and critically review. Many of these reviews are presented before the class.

Courses in Pharmacology and Materia Medica

4. MATERIA MEDICA. The sources, preparation and dosage of drugs. Exercises in prescription writing. Selected demonstrations. Two hours a week, first semester, Sophomore year.

5. PHARMACODYNAMICS. Demonstrations of the actions of drugs on animals. This course serves as an experimental basis for the purely didactic work of the following semesters and is counted as half laboratory and half didactic work. Six hours a week, second semester, Sophomore year.

6. PHARMACOLOGY. Lectures and recitations, four hours a week, first semester, Junior year.

Surgery

SURGICAL PATHOLOGY (See Course 5, Department of Pathology.)

1. MINOR SURGERY, two hours a week, Sophomore class, second semester.

2. PRINCIPLES OF SURGERY. Recitations and Lectures, two hours a week throughout the year to the Junior class.

3. OUT-PATIENT DISPENSARY WORK, thirty-two hours for each student of the Junior year, throughout the year. Section work at the Alexian Brothers' Hospital, University Dispensary, St. John's Dispensary, St. Mary's Dispensary and Jewish Hospital Dispensary.

4. FRACTURES AND DISLOCATIONS. Lectures to the Junior class, second semester, two hours a week.

5. ORTHOPEDIC SURGERY. Lectures to the Junior class, one hour a week, second semester.

6. DIAGNOSIS CLINICS. Junior class, in divisions, at St. John's Hospital and City Hospital, three hours a week for each student throughout the year.

7. OPERATIVE SURGERY AND SURGICAL ANATOMY ON THE CADAVER AND ANIMALS. Senior class, in sections, thirty hours for each student.

8. REGIONAL SURGERY, recitation course, two hours a week, first semester, Senior year.

9. EXTERN SERVICE. Three hours daily for twelve weeks for each Senior student, 180 hours: City Hospital, St. Mary's Infirmary, Alexian Brothers' Hospital, St. John's Hospital.

10. ANESTHESIA. Lectures and Demonstrations, Senior year. (Hours and instructor to be appointed.)

11. PRACTICAL CLINICAL INSTRUCTION IN ORTHOPEDICS. Senior class in sections, fifteen hours for each student: University Dispensary, City Hospital and St. John's Clinical Dispensary. Operations in other hospitals, on call, about six hours for each student.

Requirements for Admission

Admission to the Four Years Course

In addition to the required full four years course of 15 units in an accredited high school, the following required college credits covering two years of college work must be presented:

*SEMESTER HOURS

BRANCHES	LECTURES and RECITATIONS	LABORATORY	TOTAL
English.....	6 hours	.....	6 hours
Modern Language...	8 hours	.....	8 hours
Biology.....	4 hours	4 hours	8 hours
Physics.....	4 hours	4 hours	8 hours
Chemistry.....	6 hours	6 hours	12 hours
Electives	18 hours	.....	18 hours
	46 hours	14 hours	60 hours

Time of Admission

For the most part students will find it advantageous to enter at the beginning of the First Semester in October, 1919; but qualified students may begin their work with the Second Semester, February 2, 1920, or with the Summer Term, about June 1. All new students and those who have conditions are advised to be present on September 26 the first day of registration. No student entering more than one week after the beginning of a semester can receive full credit.

Requirements for Graduation

1. Four annual courses of not less than thirty-two weeks each, no two being in the same year, are required of every candidate for graduation.

2. The last year's course shall have been taken in this institution.

3. Acceptable evidence of good moral character must have been filed.

4. The candidate shall be at least twenty-one years old.

5. He shall have satisfactory credits and pass his final

*Each semester hour signifies one hour of lecture or recitation or three hours of laboratory work.

examinations in accordance with the rules laid down by the Faculty.

6. All indebtedness to the school shall have been paid.

Time of Graduation

Regular graduation exercises are held at the end of each semester. Occasionally students are graduated at the end of the Summer School.

Fees for the Regular Courses

Matriculation Fee (paid but once).....	\$ 5.00
Tuition Fee (Freshman, Sophomore, Junior and Senior classes), each year.....	175.00
Tuition Fee for Premedic classes, each year.....	140.00
Deposit (returnable in part) for all classes.....	10.00
Diploma Fee	10.00

No charge is made for dissecting material nor for laboratory practice, but each student is required to deposit \$10.00 to cover mimeographing, laboratory supplies, breakage and damage done to any college property. This amount, less the actual cost of the above items, will be returned to each student at the end of the session.

When possible, loss or damage is charged to the student who is responsible; but in some cases it may be divided among a class or group of students, if the Dean considers such procedure just. The purpose is to make every student a guardian of the college property.

Deposit fees are payable in advance at the beginning of the school year.

Tuition fees are payable one-half at the beginning of each semester, October 1 and February 2. No fees are able except the deposit above mentioned.

Internships

Every medical student should look forward to a service of one or two years in a good hospital before going into private practice. Within a few years, probably such a service will be

one of the prerequisites to medical licensure in most of the States of this country. It is already required in some States. An incentive to its graduates the Medical School offers a certificate of intern service to all who serve one continuous year in an approved hospital.

Hospital Examinations and Appointments

Annual competitive examinations for positions on the house staffs of the St. Louis City eleemosynary institutions, the St. Louis City Hospital, Sanitarium, etc., are held under direction of the St. Louis City Hospital Staff. These examinations are open to graduates of all the medical schools of the country, and the successful competitors are appointed for a period of one year, which may be extended to two or three, dependent on satisfactory service and efficiency on the part of the incumbent.

The Kansas City General Hospital and other hospitals offer their examinations for internships in St. Louis so that students may take them without inconvenience.

Many hospitals appoint their interns without examination, on recommendation by the authorities of this Medical School.

Summer Courses in Medicine

Summer Courses in Medicine were inaugurated at the close of the regular session of 1907-1908. They are designed for three classes of students:

First, graduates in Medicine who may wish to review fundamental subjects or to take further clinical instruction; second, under-graduates in Medicine who wish to secure advanced standing or to remove deficiencies; third, teachers and others who do not care for credit in medicine or who contemplate entering on the medical course later.

These course are planned so as to secure the widest possible range of study, care being taken to utilize the facilities of the University and of the city to the greatest advantage.

The Summer courses in medicine will begin Monday, June 2, 1919.

Commissioned Officers

The following members of the Faculty of the St. Louis University School of Medicine are commissioned officers in the service of the United States:

Major Hanau W. Loeb, A. M., M. D.
Major Fred W. Bailey, B. S., M. D.
Lieut. Charles W. Bassett, M. D.
Capt. Samuel T. Bassett, D. D. S., M. D.
Lieut. Walter W. Boyne, M. D.
Major John Young Brown, M. D.
Major Cyrus E. Burford, A. B., M. D.
Lieut. James F. Clancy, M. D.
Lieut. Ernest L. Coffin, M. D.
Major William T. Coughlin, B. S., M. D.
Capt. John McH. Dean, A. M., M. D.
Capt. Moyer Fleisher, B. S., M. D.
Capt. Wenzel C. Gayler, M. D.
Capt. William P. Glennon, M. D.
Capt. Arthur Gundlach, M. D.
Major Frederick Hagler, M. D.
Capt. Horace E. Happel, A. B., M. D.
Lieut. Edward E. Heiple, M. D.
Major Don R. Joseph, M. S., M. D.
Capt. Louis A. Kempff, M. D.
Lieut. Otto M. Koenig, M. D.
Lieut. Jonas C. Kopelowitz, M. D.
Lieut. David R. Lamb, M. D.
Major William E. Leighton, A. B., M. D.
Capt. Aaron Levy, M. D.
Major Virgil Loeb, A. B., D. D. S., M. D.
Lieut. J. Curtis Lyter, M. D.
Lieut. A. McClory, M. D.
Capt. James McFadden, M. D.
Capt. Albert B. McQuillan, M. D.
Lieut. Lurin P. Macklin, M. D.
Lieut. John L. Marder, M. D.
Lieut. Abraham A. Margulis, M. D.
Lieut. Neil S. Moore, M. D.
Capt. Edward S. Murphy, A. B., M. D.
Lieut. Claude D. Pickrell, A. B., M. D.

COMMISSIONED OFFICERS—Continued

Lieut. Madison A. Pulliam, M. D.
Capt. Louis Rassieur, M. D.
Lieut. Joseph J. Reilly, A. B., M. D.
Capt. Edgar F. Schmitz, M. D.
Lieutenant-Colonel Major G. Seelig, A. B., M. D.
Capt. Eugene T. Senseney, A. B., M. D.
Capt. James W. Shankland, D. M. D., M. D.
Capt. Norvelle W. Sharpe, M. D.
Capt. Percy H. Swahlen, A. B., M. D.
*Lieut. J. Louis Swarts, A. B., M. D.
Capt. Frank J. Tainter, M. D.
Lieut. John L. Tierney, A. M., M. D.
Capt. Randall S. Tilles, M. D.
Lieut. Alois E. Turek, M. D.
Capt. Hillel Unterberg, M. D.
Lieut. Harry T. Upshaw, B. S., M. D.
Lieut. William Weiss, M. D.
Capt. Samuel B. Westlake, M. D.
Capt. T. Wistar White, M. D.

*Deceased, December 24, 1918.

School of Dentistry

School of Dentistry

Officers

REV. BERNARD J. OTTING, S. J.,
President.

JAMES P. HARPER, D. D. S.,
Dean.

CHARLES H. CLOUD, S. J.,
Regent.

Administrative Board.

JAMES P. HARPER, D. D. S.

CHARLES H. CLOUD, S. J.

HANAU W. LOEB, A. M., M. D.

DON R. JOSEPH, M. S., M. D.

Introductory Statement

History

See page 75.

Location

The College Buildings are located on Compton Hill, Grand avenue and Caroline street, the highest point in St. Louis. From the College all portions of the city are readily reached by means of electric car lines passing the College or its immediate vicinity.

The situation of the College is favorable for securing desirable clinical patronage. This is an advantage of importance to a dental college. The Infirmary is daily visited by patients from all parts of the city and its environs.

College Buildings

The College buildings have been carefully arranged to meet all the demands of structures devoted to similar educational purposes. It has been necessary to enlarge upon the original building in order to keep abreast of the increasing requirements of the large classes matriculated in the last few years. New equipment for teaching, such as models, microscopes, lantern slides, etc., has been added.

An addition of a three-story building to the west of the St. Louis Dental College was made in the summer of 1914, and this additional facility now gives ample accommodation to our students.

On the first floor of the addition is a new laboratory for the Seniors, connecting by separate stair-case with the Clinic on the second floor, together with the office of the Dean and a convenient corridor entrance leading to the Clinic above. On the second floor, a room the full dimensions of the building, 50 by 55 feet, is devoted to the new Clinic. It is lighted on three sides by large windows and is connected by a short covered passage with the former college Clinic. This additional space now accommodates 40 dental chairs, which together with those of the connected clinic permit at one and the same time the treatment of 75 patients. To the west are large and comfortably equipped waiting rooms, one for women and children, the other for men. The third floor furnishes a chemical laboratory, a microscopical laboratory, a laboratory for Prosthetic dentistry and an additional lecture room.

Two rooms on this floor are set apart for the extraction of teeth and the taking of impressions and are provided with the latest equipment for this class of work.

The lecture rooms, and chemical, histological, pathological and bacteriological laboratories are advantageously located in the main building.

Outline of Course

The course of instruction, which covers four years, comprises didactic lectures, clinical lectures, laboratory work, practical clinical work in operative and prosthetic dentistry; stereopticon displays from drawings, photographs and microscopical slides; written reviews, recitations, written and oral examinations and quizzes.

Dental Anatomy

The course in Dental Anatomy includes a careful study of the surfaces, ridges, fossae, grooves, etc., of the individual teeth of both the deciduous and permanent sets; their origin, formation, calcification, eruption and peculiarities in formation and growth.

Lectures 3 hours a week.

General Anatomy

The courses in General Anatomy are designed to give the student a working knowledge of the subject, with special reference to the anatomy of the parts in which the student, and later the practitioner, are most vitally interested.

Lectures 2 hours a week; Laboratory, 6 hours a week.

Review Course, one hour a week.

Histology

The course in microscopic anatomy covers the structure of the various body tissues, special emphasis being laid upon the structure of the teeth and of the surrounding tissues. In this course are also considered the elements of embryology, with particular reference to the development of the teeth.

Each student is provided with a compound microscope and a series of mounted sections of the tissues as they are studied.

Four hours a week.

Osteology

Two hours a week, second semester.

Ceramics

A course of lectures and demonstrations on Dental Ceramics covers the theory and technic of porcelain art as applied to the practise of dentistry. Special attention is given to the preparation of cavities, and the baking of porcelain restorations in the technic course.

Inorganic Chemistry

The course consists in a study of the elements, their compounds, characteristics and properties.

Lectures and Demonstrations, 5 hours a week.

Lectures and Laboratory, 2 hours a week.

Review Course, 1 hour a week.

Clinics

The clinic is the heart of the dental school, and in proportion to the amount of judgment the student has and the skill he develops in the clinic under the direct supervision of experienced instructors will be the degree of his success when, after graduation, he starts upon the work of his profession.

The St. Louis University School of Dentistry as above stated, is particularly fortunate in this respect, having abundant clinical material at its disposal. During the year May 31, 1917—June 1, 1918, 15,027 patients presented themselves at the Dental clinic for treatment. In addition the Dental School maintains six out-clinics in eleemosynary institutions, which are equipped with complete dental outfits, where students from the Dental School on certain days do the needed dental work.

A monthly test examination in practical dentistry is given to the Senior class to determine the progress made by them in practical infirmary work.

Dental Economics

Dental Economics, while a new subject in the dental curriculum, has proven of interest and value to the student. The

lectures treat of the economic side of the profession and the advantages of applying method and system to the details of practice. The ethical element in these questions is also insisted upon.

Exodontia and Anesthesia

In this course the technic of extraction is systematically presented by illustrations and lectures so that the entire plan of operative procedure for any case may be readily comprehended.

Throughout the course, the Roentgenological Department is brought into use for diagnostic and demonstration purposes.

The course of Anesthesia is in the hands of an expert anesthetist who treats the subject of both local and general anesthesia, giving, in addition, practical demonstrations.

Lectures and Demonstrations, 1 hour a week.

Oral Surgery and Hygiene

Since Dentistry is a branch of Surgery, students must be taught the practical application of surgical principles to the major lesions of the mouth. This is the subject-matter of this course. Students are instructed in, and made to carry out, the detail necessary for surgical treatment.

Special attention is given to pyorrhea alveolaris and its treatment; students are given the opportunity of studying and practicing the latest methods for the relief of this condition.

The course in Hygiene gives careful consideration to the subject of the mouth, its care, etc., prophylaxis, the predisposing factors of disease, the principles on which immunity depends, the relation of ventilation, water supply, food, etc., to the public health, climatology, heredity and vital statistics.

Three hours a week.

Jurisprudence

The legal responsibility of dental practitioners and also the relations of the public to the dentist are clearly explained by the lecturer in this course.

Eight hours.

Metallurgy

Instruction in this subject includes the nature and physical properties of metals, especially those used in dentistry; the manipulation of metals, annealing and tempering, the manufacture of alloys, dental amalgams and solders.

Two hours a week.

Roentgenology

Roentgenology has become so valuable an adjunct to the practice of dentistry that no course can be considered adequate that does not provide the student with the necessary instruction to familiarize him with the interpretation of dental Roentgenograms and with the nature of Xrays and the technique required for their use.

Recognizing this necessity, the University has installed a Roentgenological laboratory, with a complete equipment where the clinic work can be radiographed, giving valuable training to the students and insuring the best results to the patients.

Lectures and demonstrations 2 hours a week.

Materia Medica and Therapeutics

In this course special stress is laid upon the physiological actions and rational uses of drugs peculiar to dental practice. Such subjects as weights and measures, the preparation of percentage solutions, prescription writing, methods of administration, and the more important poisons and their antidotes are also considered.

Two hours a week.

Review Course, 1 hour a week.

Operative Dentistry

To restore teeth which have become diseased to normal or functional condition, is the ideal of operative dentistry.

The course in Operative Dentistry includes operative technic and clinical practice throughout the entire course.

Six hours a week, first year.

Seven hours a week, second year.

Orthodontia

The various deformities found in the human mouth are reproduced in this laboratory course, appliances for moving the teeth are adjusted and the teeth moved into alignment; finally, retaining appliances are made and adjusted on the teeth. These models are the student's property and used by him for study and reference when treating the numerous practical cases which are constantly occurring in the clinic.

Three hours a week, third year.

One hour a week, fourth year.

Pathology and Bacteriology

In addition to the fundamentals of Bacteriology, methods of cultivation and identification of bacteria, sterilizations, etc., the more important organisms and the diseases which they cause are studied systematically. The bacteria of the mouth and throat receive special attention.

Four hours a week.

Special dental diseases are taken up in the course in Dental Pathology.

Four hours a week.

Lectures in Dental Pathology embrace a consideration of all the diseases of the oral cavity, bearing on dentistry. Special attention is given to all diseases of the dental pulp and pericemental membrane, from simple inflammation to alveolar abscess.

One hour a week, first year.

One hour a week, second year.

Operative Technic

This course is designed to give the student a thorough training in the preparation of cavities in bone teeth, manipulation of the various filling materials and familiarity with the names and uses of the various instruments used in operating. Entire first year and first half of Sophomore year.

Six hours a week, first year.

Seven hours a week, first semester, second year.

Prosthetic Technic

Embraces in detail the construction of the various forms of artificial dentures and appliances used in modern dentistry.

In these several courses it is the aim to teach not only the more mechanical processes, but also that combination of art with mechanism which enables the practitioner to effect so much in restoring the symmetry of the face and the usefulness of the teeth, when they have been lost or impaired by accident or disease.

Four hours a week, each year.

Prosthetics: Crown and Bridge Work

All varieties of crowns and bridges are studied with their indications and contra-indications; the preparation of teeth and construction of parts to correspond to the organs lost.

Physiology

This course aims to give the student a general knowledge of the normal activities of the human body. Emphasis is laid on the nervous system, muscular tissues, circulation, respiration, digestion and excretion.

Three hours a week, third year.

One hour a week, fourth year.

Requirements for Admission

A candidate for admission to the Dental School will be accepted (1) upon presentation of a diploma or equivalent certificate from an accredited High School or secondary educational institute of equal rank, which requires four years for completion of its course, and not less than 15 High School units before graduation; or (2) upon passing a satisfactory examination before the Official Examiner for dental schools in St. Louis and presenting from such authority a certificate showing that the holder is entitled to not less than 15 High School units of credit made up from the subjects required.

A list of subjects from which credit can be had will be sent upon application.

Requirements for Graduation

The candidate for graduation must be of legal age and of good moral character; must present to the faculty the required clinical record of practical operation on the natural teeth, must sustain a satisfactory examination in the branches taught and must prove his fitness for the practice of dentistry.

His time of study must include attendance on four courses of lectures, the last of which must be at this Institution.

His deportment during the course must have been unexceptional, and attendance upon all lectures, clinic and other instruction in the course must have been in accord with the requirements of the school.

Attendance on any course of lectures in other recognized dental colleges having similar requirements will be accepted as equivalent to a corresponding course in this school. Graduates of medical colleges will be required to attend three full years of instruction in this school, including all laboratory and clinical requirements, and all lectures, before applying for graduation.

Having complied with the above requirements, the faculty will recommend the candidate to the Board of Trustees of the University as entitled to receive the degree of Doctor of Dental Surgery.

Tuition Fees

Freshman Year

Matriculation	\$ 5.00
Deposit Fee	10.00
Tuition, first semester.....	80.00
Tuition, second semester.....	80.00
Total fees first year.....	\$175.00

Sophomore Year

Deposit Fee	10.00
Tuition, first semester.....	80.00
Tuition, second semester.....	80.00
Total fees second year.....	\$170.00

Junior Year

Deposit Fee	10.00
Tuition, first semester.....	80.00
Tuition, second semester.....	80.00
Total fees third year.....	\$170.00

Senior Year

Deposit Fee	10.00
Tuition, first semester.....	80.00
Tuition, second semester.....	80.00
Total fees fourth year.....	\$170.00

Commissioned Officers

The following members of the Faculty of the St. Louis University School of Dentistry are commissioned officers in the service of the United States:

Major James P. Harper, Dental Reserve Corps
 Lieut. Clyde C. Craig, Dental Reserve Corps.
 Lieut. Ben A. Fuld, Dental Reserve Corps.
 Lieut. Clement J. Gaynor, U. S. A.
 Capt. Virgil Loeb, Medical Officers Reserve Corps.
 Lieut. Ralph B. Rode, Dental Reserve Corps.
 Lieut. George B. Scott, Dental Reserve Corps.
 Doctor David C. Todd, Examining Physician, War Dept.

Institute of Law

Institute of Law

Officers

REV. BERNARD J. OTTING, S. J.,
President of the University.

PAUL BAKEWELL, LL. D.,
Dean.

REV. MATTHEW McMENAMY, S. J.,
Regent.

JOHN B. RENO, A. M., LL. B.,
Secretary.

Introductory Statement

A special announcement giving detailed information of this department is published annually. For copies of such announcement or for other information relating to the department of law, address the Registrar, St. Louis University Institute of Law, 3642 Lindell Boulevard, St. Louis, Mo.

History

See page 75.

Course of Instruction

The complete course of studies in this school (1) prepares the student for the Bar, by giving him a thorough instruction in legal reasoning and in the general principles and rules of American Law; (2) prepares the student to practice law in any English-speaking jurisdiction; (3) offers to advanced students instruction in all that belongs to law in its scientific and wider sense; (4) extends to students who do not propose to practice law, but who wish to pursue some particular branches of legal or political knowledge, any assistance they may require for these studies. These four and distinct phases of instruction are known as the Degree Course, the Graduate Course and the Special Course.

The Undergraduate or Degree Course covers a period of three years in the Day School and four years in the Night School, and leads to the degree of LL. B. It embraces all the branches scheduled, with reasonable provision for advanced standing in the case of students who have completed elsewhere the work of the earlier years.

The Graduate Course, leading to the degree of LL. M., may be entered upon by students who have received the degree of LL. B. from this or some other approved school of law.

The Special Course will depend largely upon the option of the student, the opinion of the Faculty in each particular

case, and always upon the ruling of the Dean. But the course once chosen must be pursued and completed with the same thoroughness as is required in the regular courses.

Two Schools of Instruction

The course of instruction is carried out in two schools, viz.: a Day School and a Night School. The circumstances of a great body of desirable law students have made the Night School of Law a necessity, at least in this country and at this time. These young men are forced to work during the day, and cannot take advantage of the lectures then given. On the other hand, experience has established the fact that in this class of aspirants we often find the brightest legal talent. Some of the ablest lawyers and judges in the country have received their legal education in night schools.

Nor does the fact that the school is held in the evening detract in any way from the efficiency of the course. The same studies are pursued. The same advantages of library consultation and practice court exist. The same ability in professors is as available in the evening as during the day, and the hours of class are substantially equivalent in number and duration.

The Day School opens every morning except Sundays and legal holidays, at 8:30 o'clock, and continues until 11 o'clock. In the afternoon classes are resumed at 3:30 o'clock, and continue until 6 p. m. The Night School opens every Monday, Wednesday, Friday and Saturday evening at 7:30 o'clock, and closes at 9:30 p. m., the intervening evenings being allowed for study and lectures.

System of Instruction

There are three distinct systems of instruction employed in the law schools of the United States, viz., the Lecture system, the Text system, and the Case system.

The Lecture system aims at imparting knowledge by a series of set daily lectures and is followed by recitations consisting of a series of questions or quizzes meant to elicit the student's grasp of the subject and improve his expression. The Text system contemplates the daily study of assigned portions of chosen text-books and recitations upon the same in the class-room, amplified by such explanations or lectures by the instructor as may be deemed necessary and a repetition of the portion so explained. The Case system teaches the law by the study of adjudicated cases. According to this method, the student is given a selected case which he is required to examine in search of the principles on which the case was originally decided, and is required to collate the essential facts, and the rules of law applied thereto, in a summary which gives an exact statement of the law involved in the case of the process of legal reasoning.

These systems have their advantages and their drawbacks. Thus the Lecture system is credited with affording the student a connected, systematic and doctrinal knowledge of the law. It supplies the want of proper manuals, or renders the student independent of all manuals. It is suited to the constant, rapid, and changing advance of legal science, and saves time and money for the student. On the other hand it ignores and eliminates the mental discipline of the student; cultivates his memory at the sacrifice of his understanding and is adapted to courses of less importance and courses that are more specialized.

The Text system, it is claimed, gives more definite and permanent impressions of the principles and rules of legal science through the study of standard text-books, the careful analysis of leading cases, followed by the explanation and examinations of the recitation room. But then, again, it is asserted that this system stunts the mental growth of the lawyer. It cultivates his memory, not his legal talent, and is suited for less difficult branches.

The Case system, it is said, is better suited to develop the analytic faculties of the mind, at the same time that the memory is stored with legal principles. It is the nearest approach to the work of the practicing lawyer, who examines adjudicated cases in search of the principle of law applicable to the case in question. Yet it is objected, that the system is so slow that, where it is followed exclusively, the average student graduates without having learned even the most elementary branches of the law, simply for the lack of time to do the work.

Believing, therefore, that each system has its advantages, the St. Louis University Institute of Law does not commit itself to any one system to the exclusion of the other. It will employ, or at least countenance the employment by its professors of all these various systems. The three systems will, it is believed, give more satisfactory results, under the present conditions of law schools in the United States. We believe that the student, generally speaking, will get from the mixed system as much if not more than he would from an exclusive system. He will learn all that he would learn in an ordinary Case system school. Over and above this he will possess a systematic knowledge and a familiarity with branches of the law of which he would have been profoundly ignorant under the Case system alone. On the other hand, he will, in our mixed system, acquire a mental discipline which the Lecture and Text-book system would not impart. In a word, in our mixed system, the student will have the depth of the Case system and the breadth and definiteness of the Lecture and Text-book system.

Entrance Requirements

A. For Freshman Year—Without Examination

1. Graduates from Colleges and Universities composing the Missouri College Union.

2. Graduates from all other Colleges and Universities of like grade and standing.

3. Graduates from Normal Schools, Technical institutes and Scientific schools of Collegiate standing.

4. Graduates from four-year high schools of recognized grade.

5. Special students who have removed their entrance conditions.

6. Students who have had a preliminary education equivalent to a four-year high school course of approved grade.

B. For Freshman Year—With Examination

All other applicants for the first year of law who cannot qualify under one of the above conditions must pass an examination in English Grammar, Rhetoric, Composition and Literature; in Latin version and translation from Nepos, Caesar, Virgil, or Cicero's essays; in readings from the German, French, Italian or Spanish; in ancient and modern history, and in the history of England and the United States; in Algebra, Plane Trigonometry; in Physics, Botany, Chemistry and Geography.

Applicants who are required to take an entrance examination should present themselves for examination on Monday, September 3, at 10 a. m., at the University.

If a student is admitted with conditions in entrance subjects, he must remove such conditions a year from the time when they were imposed.

Unless the applicant come from another Law school, he will not be admitted to the first year class after the second week in December.

All students are urged to enter at the beginning of the year.

The examinations for the first year of law are conducted at the same time and by the same members of the

Faculty as the examination of candidates for admission to the College of Letters and Science.

Those intending to apply for examination to the first year of law should notify the Registrar of the Institute before the opening of classes, and also apply for directions, as examinations cannot be taken later.

C. For Advanced Students—For the Junior Year of Law

a. **EDUCATIONAL REQUIREMENTS.** The applicant must be at least nineteen years of age, and have fulfilled all the requirements specified for admission to the first year of Law, or give proof of a satisfactory grade of scholarship. Examinations, however, in any other subjects required by the Faculty for admission to the Junior year may be demanded.

b. **PREVIOUS LEGAL ACQUIREMENTS.** Admission to the Second Year of Law will be granted to those applicants—

1. Who have passed satisfactory examinations in all the prescribed courses of study of the First Year.

2. Who have studied one or more years in a Law School of the Association of American Law Schools, or in one of their substantial equivalents; (Students thus admitted, however, must pass examinations in courses previously pursued in the class and which they have not taken before or at the close of the year, as the Dean will decide in each case.)

3. Who have, actually in good faith, and as their principal occupation, pursued for a period of fifteen months, in the office or under the guidance of some reputable practitioner or instructor, a course of study fairly equivalent to that pursued in the First Year, and who present to the Dean the affidavit of such practitioner or instructor showing with particularity that this requirement has been met.

D. For Advanced Students—For the Senior Year of Law

Students from other Law Schools of high grade will receive credit, not, however, exceeding two years in amount, for the satisfactory completion of work done in these schools similar in character to that required in this school.

E. For Special Students

Special students are those applicants for entrance who do not desire to pursue regular work, but have for their aim to perfect themselves in some branch of the law, or to take up law as a preparation for business or political life, or who desire an enlarged view of our political or legal institutions and systems and the rules which govern them. The following persons will be admitted to this school as special students:

1. Holders of academic degrees in Arts, Literature, Philosophy and Science;

2. Persons whose previous education qualifies them to pursue the studies in which they wish to specialize;

3. Special courses will be selected under the guidance of the Dean and must be pursued with the same thoroughness as in the regular course. No applicant under twenty-one years of age will be permitted to specialize in this school.

4. Special students will receive a certificate for all work done.

5. Special students may enter at any time as candidates for a degree, provided they have met the entrance requirements for regular students.

Practice Court

The Practice Court is essential to an efficient course in law. Students, as a rule, go directly from the law school into practice, without serving a preliminary clerkship in a law office. This has made it necessary for the Institute to

provide the instruction in pleading and practice which formerly the student obtained during his law-office apprenticeship. The practice courts furnish the student with as thorough a knowledge, and give him as great a familiarity with the actual practice of law, as can be obtained in a law office. It is not, therefore, merely a moot court, or forum for the argument of disputed questions of law; it is a training school in which the student is systematically put through the routine of office work, court proceedings and the practical duties of professional life.

In addition, therefore, to the courses in procedure in which instruction is given in the principles and general rules of practice in state and federal courts, the Institute maintains an organized Practice Court, which is divided into a Circuit Court and a Supreme Court, with a full corps of officers.

The Circuit Court hold four sessions monthly, on Saturday. At certain sessions, motions, demurrers, pleas, and all proceedings of an interlocutory or preliminary nature, and which in actual practice precede the hearing of the case, are disposed of. At the other sessions of the court cases are tried, or such proceedings are had as are usual at the final hearing of cases in trial courts. Juries are drawn and impaneled, evidence introduced, instructions given, verdicts and judgments are rendered as in the regularly established courts of the country. Appeals and writs of error are prosecuted in due course to the Supreme Court, where briefs are filed and arguments made as in the best conducted Appellate practice. The students issue, serve and return regular process, prepare and file the proper pleadings, conduct the trial, and make the legal argument. In this way they are given practical experience in the commencement of suits, the preparation of pleading, the argument of lawyers, the trial of the case, the entry of judgment, the taking out of execution, and the appealing of the case to the court of last resort.

The Freshmen will act as process servers, witnesses and jurors in this court and assist in preparation of causes. The conduct of the trial is in rotation assigned to the Juniors and Seniors. Professors experienced in judicial work will regularly preside or be present.

The Supreme Court, to which cases may be appealed or taken by writ of error from the Circuit Court, sits monthly, or oftener, as the work before it may require. This court is presided over by a member of the Faculty and two or four members of the Junior or Senior class. Written briefs are required to be prepared, served properly, and submitted to the court. Written opinions containing a full discussion of the legal question presented are required to be handed down by the student justices. Neatness, accuracy and lawyer-like method of expression will be insisted upon in the composition of these opinions, in the writing of briefs, and the execution of all other work before the Practice Court.

Each student will be required during the Junior year to try at least one case in the inferior court, and to take it by appeal to the superior court. In the third year each student will be required to take part in at least two causes, one at law and the other in equity, in the circuit court, and, on appeal, in the supreme court.

Outline of Courses

The course of studies is arranged for four years for the Night school and for three years for the Day school and a Post-Graduate Course of one year, given as a night course. The Day school course is so distributed as to require a minimum of fourteen hours of actual recitations, lectures, and practice court work per week. In the Night school the minimum number of hours assigned to the same work will be ten hours each week, from each class.

In addition to the courses indicated in the schedule of studies, provision will be made each year for courses of lectures, and for single lectures by eminent specialists in the profession.

The course of studies will always be subject to revision and change. For it will always remain in the power of the Faculty to raise or lower the fees for tuition, to modify the curriculum, or to otherwise adjust matters pertaining to the conduct of the school as in its wisdom it will judge to be for the best interests of the Institute.

THE DAY SCHOOL—FRESHMAN YEAR.

Courses	Text, Case-Book, Author, or Method	Hours per week	Semester	Class Days	Hours of Class		Professor, Lecturer, Instructor
					A. M.	P. M.	
Bailments and Carriers Agency	Elliott Steele; Mechem's Cases	1 hr.	II	Friday	.....	5.00-6.00	Professor Boisaubin
Contracts	Lawson; Cases	1 hr.	I, II	Wednesday	9.30-10.30	.....	Professor Eberle
Criminal Law and Pleading	Clark and Marshall Knowlton's Cases	2 hrs.	I, II	Tuesday Friday	9.30-10.30 8.30-9.30	.....	Professor Eberle
Torts	Cooley on Torts (Student's edit.); Burdick's Cases.	1 hr.	I, II	Monday	.....	5.00-6.00	Judge Bishop
Common L. Plead.	Andrews, Stephen's Common Law Pleading; Shipp and Daish's Cases	2 hrs.	I, II	Mon. and Thurs.	8.30-9.30	.....	Professor English
Sales	Burdick, F. M. (3d edit.)	2 hrs.	II	Tuesday Wednesday	8.30-9.30	.....	Professor Brennan
Elementary Law	Robinson's Elementary Law (New Enlarged Edition)	2 hrs.	I	Tues. and Thurs.	8.30-9.30	.....	Professor Neumann
*Study of Cases	Wambaugh on the Study of Cases; Lectures	1 hr.	II	Monday	9.30-10.30 9.30-10.30	.....	Professor Eberle
*Looking up the Law	Lectures	1 hr.	II	Monday	.....	3.30-4.30	.....
*Brief Making	Lectures	1 hr.	II	Monday	.....	3.30-4.30	Professor Daly
Ethics and Nat. L.	Coppens	1 hr.	I	Friday	.....	3.30-4.30	.....
*Introduction to Study of Law	Lectures	1 hr.	II	Monday	.....	9.30-10.30 3.30-4.30	Fr. Cloud, S. J.
*How to Use Library	Lectures and Practice	1 hr.	II	Monday	.....	3.30-4.30	.....
Practice Court	.....	1 hr.	I, II	Saturday	.....	8.00	Professor Grier

* Occasional Lectures.

THE DAY SCHOOL—JUNIOR YEAR.

Courses	Text, Case-Book, Author, or Method	Hours per week	Semester	Class Days	Hours of Class		Professor, Lecturer, Instructor
					A. M.	P. M.	
Bills and Notes	Bigelow on Bills, Cheques (3d edit.)	1 hr.	I, II	Thursday	.....	5.00-6:00	Professor Mulvihill
Evidence	Jones on Evidence; Wigmore's Cases	2 hrs.	I, II	Friday	9:30-10:30	.....	Professor Robbins
Property	Real Property; Tiffany	2 hrs.	I, II	Wednesday Mon. and Thurs.	9:30-10:30	.....	Professor Robbins
Domestic Relat's.	Long	1 hr.	I, II	Friday	5:00-6:00	.....	Professor Carroll
Partnership	Mechem	1 hr.	I	Monday	.....	3:30-4:30	Professor Eberle
Quasi-Contracts Code Pleading	Woodward Phillips	1 hr. 1 hr.	II I, II	Tuesday Friday	8:30-9:30 8:30-9:30	.....	Professor Eberle Professor Pearcy
Damages	Sedgwick's Elements of Damages	1 hr.	II	Wednesday	.....	3:30-4:30	Professor Tompkins
Equity Jurisdic.	Pomeroy's Equity Jurisdic. (Stu. Edit.); Hutchin's and Bunker's Cases	2 hrs.	I, II	Mon. and Wed.	8:30-9:30	.....	Professor Barth
Bankruptcy	Bankruptcy Act and Williston's Cases	1 hr.	I	Tuesday	8:30-9:30	.....	Professor Wilson
Corporations	Clark (Third Edition)	2 hrs.	I, II	Tues. and Thurs.	8:30-9:30	5.00-6:00	Professor Bakewell
Practice Court	.....	1 hr.	I, II	Saturday	.....	8:00	Professor Grier

THE DAY SCHOOL—SENIOR YEAR.

Courses	Text, Case-Book, Author, or Method	Hours per week	Semester	Class Days	Hours of Class		Professor, Lecturer, Instructor
					A. M.	P. M.	
International Law	Hershey's Essentials of Int. Law	1 hr.	I	Thursday	8:30-9:30		Professor Edmunds
Conflict of Laws	Minor	1 hr.	I, II	Monday	8:30-9:30		Professor Robbins
Constitutional L.	Black; Boyd's Cases	1 hr.	I, II	Monday		5:00-6:00	Professor Barth
Municipal Corporations	Ingersoll	1 hr.	II	Tuesday	8:30-9:30		Professor English
Suretyship	Childs	1 hr.	I	Wednesday		5:00-6:00	
Civil Procedure	Abbott's Civil Jury Trials	1 hr.	I, II	Friday	8:30-9:30		Professor Grimm
Wills, Administration and Est.	Borland	1 hr.	I, II	Tuesday		4:00-5:00	Professor Conran
Insurance	Vance	1 hr.	I	Tuesday	8:30-9:30		Professor Jones
Trusts	Kennison, Cases	1 hr.	I, II	Friday	9:30-10:30		Professor Dyer
*Patent Law	Lectures	1 hr.	I	Wednesday		5:00-6:00	Professor Bakewell
Federal Proced.	Babbitt's Thayer (2nd Edit.)	1 hr.	II	Thursday	8:30-9:30		Professor Haid
*Legal Ethics	Warvelle's Legal Ethics; Lectures	1 hr.	II	Tuesday	9:30-10:30		Professor Robbins
Extraord. Legal Remedies	Cases	1 hr.	II	Wednesday	8:30-9:30		Professor Barth
Public Service Corporations	Burdick, Cases	1 hr.	I	Thursday	9:30-10:30		Professor English
Amer. Advocacy	Robbins' American Advocacy	1 hr.	II	Tuesday	9:30-10:30		Professor Robbins
Personal Property	Smith	1 hr.	II	Wednesday	8:30-9:30		Professor Fabick
Practice Court		1 hr.	I, II	Saturday		8:00	Professor Grier

* Occasional Lectures.

POST-GRADUATE YEAR

Courses	Text, Case-Book, Author, or Method	Hours per week	Semester	Class Days	Hours of Class P. M.	Professor, Lecturer, Instructor
Jurisprudence	Holland	1 hr.	I	Wednesday	8:30-9:30	Professor Barth
Administrative Law	Goodnow	1 hr.	II	Wednesday	8:30-9:30	Professor Eberle
History of Common Law	Holmes' "The Common Law"	1 hr.	II	Friday	8:30-9:30	Professor Robbins
Property	Missouri Practice and Cases	1 hr.	II	Friday	8:30-9:30	Professor Robbins
English Constitutional Law	Bowyers' Constit. Law of England	1 hr.	I, II	Wednesday	.....	* * *
Municipal Bonds	Lectures	1 hr.	I, II	Friday	8:30-9:30	Professor Charles
Legal Medicine	Stewart	1 hr.	I	Friday	8:30-9:30	Professor Kane
Corporations	Missouri Practice	1 hr.	I, II	Wednesday	8:30-9:30	Professor English

*** Professor to be assigned later.

PROGRAM
OF
FOUR-YEAR NIGHT SCHOOL
SEPTEMBER, 1918-19.

THE FOUR YEAR NIGHT SCHOOL—FRESHMAN YEAR.

Courses	Text, Case-Book, Author or Method	Hours per week	Semes- ter	Class Day	Class Hour	Professor
Elementary Law	Robinson (New Enlarged Edition)	1 hr.	I	Monday	7:30-8:30	Professor Eberle
Torts	Cooley on Torts (Student's Edition)	1 hr.	I, II	Monday	8:30-9:30	Professor English
Criminal Law and Procedure	Clark and Marshall; Knowlton's Cases	1 hr.	I, II	Wednesday	8:30-9:30	Judge Bishop
Agency	Steele on Agency; Mechem's Cases	1 hr.	I	Wednesday	7:30-8:30	Professor Eberle
Domes. Relations	Long	1 hr.	I	Friday	7:30-8:30	Professor Claiborne
Contracts	Lawson; Cases	1 hr.	I, II	Friday	8:30-9:30	Professor Eberle
Bailments	Elliott	1 hr.	II	Monday	7:30-8:30	Professor Claiborne
Personal Property	Smith	1 hr.	II	Friday	7:30-8:30	Professor Fabick
Practice Court		1 hr.	I, II	Saturday	8:00	Professor Grier

THE FOUR YEAR NIGHT SCHOOL--SOPHOMORE YEAR.

Courses	Text, Case-Book, Author or Method	Hours per week	Semes- ter	Class Day	Class Hour	Professor
Common L. Plead.	McKelvey	1 hr.	I, II	Monday	7:30-8:30	Professor English
Real Property	Tiffany on Real Property	2 hrs.	I, II	Monday Friday	8:30-9:30	Professor Robbins
Sales	Burdick	1 hr.	I, II	Friday	7:30-8:30	Professor Neumann
Bills and Notes	Ogden	1 hr.	I, II	Wednesday	7:30-8:30	Professor Mulvihill
Damages	Sedgwick's Elements of Damages	1 hr.	I	Wednesday	8:30-9:30	Professor Barth
Practice Court		1 hr.	I, II	Saturday	8:00	Professor Grier

THE FOUR YEAR NIGHT SCHOOL—JUNIOR YEAR.

Courses	Text, Case-Book, Author or Method	Hours per week	Semester	Class Day	Class Hour	Professor
Quasi-Contracts	Woodward	1 hr.	I	Monday	8:30-9:30	Professor Lashly
Equity	Pomeroy's Equity (Student's Edition)	2 hrs.	I, II	Mon. and Wed.	7:30-8:30	Judge Barth
Code Pleading	Phillips on Code Pleading	1 hr.	I, II	Friday	8:30-9:30	Professor Pearcy
Evidence	Jones on Evidence; Wigmore's Cases	1 hr.	I, II	Friday	7:30-8:30	Professor Robbins
Partnership	Mechem's Elements and Cases	1 hr.	I	Monday	8:30-9:30	Professor Eberle
Bankruptcy	Bankruptcy Act	1 hr.	I	Wednesday	8:30-9:30	Professor Lashly
Ext. Legal Rem.	Lectures	1 hr.	II	Wednesday	8:30-9:30	Judge Barth
Practice Court		1 hr.	I, II	Saturday	8:00	Professor Grier

*Professor to be assigned later.

THE FOUR YEAR NIGHT SCHOOL—SENIOR YEAR.

Courses	Text, Case-Book, Author or Method	Hours per week	Semes- ter	Class Day	Class Hour	Professor
Constitutional L.	Cooley's Principles; Boyd's Cases	1 hr.	I, II	Friday	7:30-8:30	Judge McDonald
Suretyship	Childs	1 hr.	I	Monday	8:30-9:30	Judge Barth
Wills	Borland	1 hr.	I	Wednesday	7:30-8:30	Professor Harris
Corporations	Clark (Third Edition)	1 hr.	I, II	Wednesday	8:30-9:30	Professor English
Conflict of Laws	Minor	1 hr.	I, II	Monday	7:30-8:30	Professor Robbins
Advocacy	Robbins' American Advocacy	1 hr.	II	Monday	7:30-8:30	Professor Robbins
Fed. Procedure	Thayer (Second Edition)	1 hr.	II	Wednesday	7:30-8:30	Judge Barth
Insurance	Vance	1 hr.	II	Friday	8:30-9:30	Professor Thomas
Practice Court		1 hr.	I, II	Saturday	8:00	Professor Eberle

Examinations

1. All examinations are to be submitted in writing.
2. The members of all classes will be given examinations on all subjects in their respective years, at the conclusion of each subject.
3. Besides the prescribed studies of the regular courses, students will also be given examinations in (1) elective courses, (2) in optional studies, if any were prescribed.
4. All students, unless excused by the Dean, must present themselves for examination in all the subjects for which they are registered, at the first examination held therein; and in case of excuse from any examination, such students must take the examination when the reason for the excuse has ceased.
5. No student will be permitted to take an examination in a subject for which he is not registered, and no special examinations will be given except by permission of the Dean.
6. No student will be admitted to the second or third year if he has any conditions against him, and no student will be permitted to graduate until he has removed all his conditions.
7. If a student of the first or second year class fail in one examination he will be granted a second examination, provided he present himself for such an examination before the beginning of the following term. If he fail in such second examination he will be allowed to repeat the course on that subject and thereafter take one more examination, and if he fail in such third examination he shall be required to withdraw from the school.

If any student fail in three or more subjects he shall be required to repeat the course of studies for that year in full.

If a candidate for graduation fail in any examination held during the first semester of the last year, he shall be

allowed a second examination, provided he make application for re-examination to the Dean within three months after the date of such failure, and if he fail in such second examination he shall be permitted to repeat the course in the following year.

If a candidate for graduation fail in any examination of the second semester, he shall not be permitted to graduate, but shall be allowed to repeat the course in either of the following two years, provided he make application to, and receive permission from the Dean, for such privilege, at least ten days before the opening of the school year, and meets the requirements of the Institute.

8. The Faculty reserves to itself the right to dismiss from the school at any time, or to strike off the list of candidates for the degree, any student whom it may deem unworthy, either on account of his neglect of study, his incapacity for the law, or for any grave defect of conduct or character.

Thesis

Every candidate for a degree shall be required to write a thesis upon an assigned topic of the law, in conformity with the following regulations:

1. The thesis must present an intelligent comparison and a learned discussion of English and American cases, carefully selected and logically treated, and must not be a mere collection of excerpts from standard treatises.

2. The thesis must be produced from an independent investigation of the selected cases, must manifest originality of thought and treatment, and must represent the unaided work of the student.

3. The thesis must be prefaced by a statement of the position contended for and contain an analytical outline of its contents. It should also contain an alphabetical list of cases cited with reference to the page of the thesis whereon cited. Cases must be cited by name of volume with the date of the decision added.

4. The thesis shall not contain less than 2,000 words, nor more than such number of words as may be determined by the Thesis Committee to be advisable for the proper treatment of the subject selected, the announcement of this maximum to be made at the time of the announcement of the subject. The thesis must be presented to the Registrar not later than April 2 of the year in which the degree is to be granted.

5. The Thesis Committee shall have power to reject any thesis which in the opinion of the committee does not measure up to the proper standard as based upon a percentage of $66\frac{2}{3}$, and a failure to attain such percentage shall have the same effect as a failure to pass an examination in any subject in the last semester of the Senior year.

Prizes

The Institute offers an annual prize of one hundred dollars in gold for the three best theses written under conditions above specified, to be divided as follows: fifty dollars to the first; thirty-five dollars to the second, and fifteen dollars to the third. Competition for these prizes is open to members of the graduating class, under such conditions and regulations as shall be prescribed by the Institute. The subject of the thesis will be announced not later than November 1st, 1919.

Work Leading to the Degree of Bachelor of Laws (LL. B.)

I. For Regular Students

1. Every candidate for the degree of Bachelor of Laws must give evidence of a satisfactory grade of scholarship, or he must have fulfilled the entrance requirements to the Institute of Law.

2. Every candidate must be of good character, and he must have attained the age of twenty-one years at the time he receives his degree.

3. Every student who has made the full course of undergraduate studies, and has performed all the required exercises of the practice court, and has passed his annual examinations with satisfaction, will be admitted to the degree of Bachelor of Laws at the end of his third year.

4. Any student who has not complied with the requirements for graduation at the end of his course may apply for his degree any time within two years thereafter, when such requirements have been met.

II. For Advanced Students

1. Students admitted to advanced standing are entitled to the same privileges as regular students, and graduate on the same conditions as regular students, except as follows:

2. They must be in regular attendance at the school one, two or three years, according to the grade of the class which they entered.

3. Advanced students of the Senior year must present two years' complete work in some approved law school, in order to graduate in one year.

Requirements for Admission to the Degree of Master of Laws (LL. M.)

For the benefit of those students who wish to pursue their legal studies further than they are able to do in the undergraduate years, a graduate course is offered, leading to the degree of Master of Laws (LL. M.)

The courses of lectures offered in this year of post-graduate work are as follows:

Philosophic Basis of Jurisprudence.

Roman Civil Law.

Common Law.

Administrative Law.

Constitutional Jurisprudence and History.

Legal Medicine.

Those who enter this course as candidates for the degree must have already received the degree of Bachelor of

Laws from this or some other law college having a three-year course of study. Those who spend the entire year in the work prescribed for this course, and pass a satisfactory examination upon the subjects taken, will be entitled to the degree of Master of Laws.

1. Every applicant for the Master's Degree must have obtained his degree of Bachelor of Laws from this Institution or from a law school whose requirements are substantially equivalent.

2. Every candidate for the Master's degree will be required to take all the courses for the fourth year.

3. Every candidate for this degree must pass a satisfactory examination in all the subjects of study prescribed in Graduate Course.

4. Every candidate for the Master's Degree must present a thesis, the subject of which shall be determined by the Dean.

Certificate for the Completion of the Special Course

1. A certificate will be issued to each student in the Special courses after a satisfactory examination on the subjects upon which the candidate has specialized.

2. This certificate will set forth (1) the purpose for which the candidate specialized; (2) the subjects in detail upon which he has specialized; and (3) the degree of success with which he has pursued these studies.

Tuition and Fees

Matriculation Fee	\$ 5
Graduation Fee	10
Tuition for Day School, First Semester.....	50
Tuition for Day School, Second Semester.....	50
Tuition for Night School, First Semester.....	50
Tuition for Night School, Second Semester.....	50
Tuition for Post-Graduate Course, First Semester	30
Tuition for Post-Graduate Course, Second Semester	30

1. Tuition is payable semi-annually, or in monthly installments, but in each case strictly in advance.
2. Examination Fees, money for books, etc., are all payable strictly in advance.
3. Candidates for degrees must pay all bills due from them to the Institute ten days before Commencement.
4. Special students pay the same tuition as regular students of the school they attend.

Books

The first cost of books needed for the course is approximately as follows:—First year, \$25; second year, \$40, and the third and fourth years, \$50.

Living Expenses for Students

Good board and lodging can be secured near the University at the rate of \$4 to \$6 per week. Students who club together can board for less.

Students may apply at the Institute or at the University for information and direction as to desirable board and lodging. For further information apply to the Registrar of the Institute.

Instruction in Other Departments of the University

Students of Law who are desirous of supplementing their legal education by courses in other departments of the University may do so free of charge, with the permission of the Dean, and under the direction of the Prefect of Studies of the University.

The Law Library

The Law Library contains a large collection of textbooks, monographs on law, and case-books, and a choice selection of the present leading legal periodicals.

The body of the library is made up of the U. S. Supreme Court Reports, U. S. C. C. A. Reports, N. Y. Com. Law Reports, N. Y. Chancery Reports, N. Y. Supreme Court Reports, Mass. Supr. Court Reports, N. J. Law Reports, N. J. Equity Reports, Supreme Court Reports of Missouri, Illinois, Kansas, Iowa, Colorado, Texas, Arkansas, Tennessee, Kentucky, Utah, Wisconsin, Texas Civ. App. & Crim. App. Reports, Illinois App. Reports, Mo. App. Reports, N. Y. Ct. App. Reports, L. R. A. Reports and a large collection of decisions and digests of English and American Law. The National Reporter System, Century Digest, Annual Digest, Decennial Digest, U. S. Digest, U. S. Statutes and Statutes of many of the States.

A number of duplicate copies of all text-books used in the course are on the shelves of the library for the use of students who desire to prepare their studies in the library. A dozen copies of all case-books used in connection with text-books have been provided for the same purpose.

The library is open daily from 8:00 a. m. to 10:00 p. m. during the academic year and during the Christmas and Easter vacations from 9 a. m. to 6 p. m.

Further facilities are afforded the Institute by the courtesy of the Law Library Association of St. Louis. It grants to the students of the Institute the free use of its extensive and delightfully situated library on the top story of the Pierce Building, 4th and Chestnut Streets.

Other Library Facilities

The other library facilities for students who desire to keep up their reading and studies in literature, history and science, are very considerable. The Student's Library is well stocked with excellent and up-to-date works, and circulates among the students. The Young Men's Sodality library is an excellent collection of books and for a fee of \$1 a year circulates among those who are not members of the Sodality. There is a very elegant reading room at-

tached to this library. The University library contains a very large collection of over forty thousand volumes, and is noted for its many rare and valuable works. Besides these general libraries there are special reference libraries in the department of Theology, Medicine and Philosophy.

Musical, Literary and Athletic Organizations

All organizations in the University are open to Students of the Institute. Among these are the University Band, Orchestra and Glee Club organizations, which afford opportunity for those who desire to keep up their music, or to cultivate their taste and talent for music and song.

The Philalethic Society, the oldest debating and literary club in St. Louis, is open to Law students and will afford them rare opportunity for the exercise and development of those faculties and accomplishments so essential to the public speaker and to the lawyer.

The Faculty

The members of the Faculty are all lawyers engaged in the active practice of the law, with the exception of the resident Professors, who devote their time exclusively to instruction in the various classes of the Institute.

This composition of the teaching staff gives the Institute less of an academic atmosphere. It brings the student in contact, from the start in his career, with the practical and every-day life of the legal profession. Law professors who have retired from practice, or who have been students of the law for its own sake, often sacrifice its practical to its scientific and theoretical treatment.

Practitioners, on the contrary, bring to instruction in law the experience of men who have seen how the principles of law work out in the conduct of public affairs, and in the various and complicated relations of social existence. They are consequently in a better position to correct the theory and mere science of law by experience and practice.

The staff is further composed of men whose legal education has been received in the leading law schools of the United States, and who have been invited to occupy the chairs which they fill for their high standing in the community as men and as lawyers. The student enjoys in consequence the advantage of a training which partakes in the most substantial way of the results and excellent features of the other law schools of the country. On the other hand, the responsible character of the Faculty is a certain guarantee to the public that the men who graduate under them will not simply have their memories primed with legal formulae, but will be lawyers who enter upon their professional career with Christian ideals, well disciplined minds, and that deeply moral character which is to render their lives an honor to their college and a blessing to their country.

Location of the Institute

3642 Lindell Boulevard

To accommodate the number of young gentlemen who desire to take a course of law at the University it was found necessary to remove the Institute from its former location to 3642 Lindell Boulevard. A building has been erected which adjoins the Philosophical building of the University. The new quarters of the Institute have all the modern improvements and are especially adapted for law school purposes. They comprise four large and commodious lecture rooms, a perfectly equipped court room, a very extensive library, reading rooms, correspondence and conference rooms and an auditorium which will accommodate an audience of one thousand.

School of Commerce
and Finance

School of Commerce and Finance

Officers

REV. BERNARD J. OTTING, S. J.,
President of the University.

GEO. W. WILSON,
Dean.

JOSEPH L. DAVIS, S. J.,
Regent.

FRANCIS A. THORNTON, A. M., LL. B.,
Secretary.

General Statement

Organization and Purpose.

The St. Louis University School of Commerce and Finance was established in the fall of 1910 to afford that exact and scientific training which is required today for success in the higher fields of business effort. It offers an advanced course of university and professional character and aims to produce industrial engineers, resourceful organizers and managers, expert accountants, specialists in the various lines of commercial activity.

Actual experience alone is too slow and costly a process whereby to obtain the necessary training. Schools, it is true, can not take the place of experience, but they can give to their students advantages which make experience incalculably more valuable. They can supply that scientific groundwork which makes for a larger success; and they can enrich the mind with a wealth of practical suggestion drawn from the accumulated experience of others.

It is chiefly on account of the need of such instruction that schools of this character established in recent years, at the leading universities, have met with such extraordinary results; results which have been nowhere more marked than at this particular institution. By far the greater number of our graduates have achieved remarkable success and are now holding responsible positions either in business or in the service of the government.

Great Need for Such Training Today.

There never was a time of greater need for training along the lines here given. The problems of production and distribution growing out of the war, and the greater ones which will result from the rebuilding of the world's commerce and industry after the war, require men well trained

in economics, in organization, in management, in trade development, in cost systems, in expert accounting, in banking and finance. In all lines of business there is and will continue to be a constantly increasing demand for a high order of technical commercial efficiency.

Faculty and Method of Instruction.

The success of the School of Commerce and Finance has been in a great measure due to the method of instruction employed, and to the character of its faculty. In all classes the best texts obtainable are used, and these texts are taught, wherever possible, by practical business men who have been successful for years in their respective lines. Accounting is taught only by practicing accountants, investments by investment bankers and brokers, insurance by insurance men, advertising by advertising men, banking by bankers, law by practicing lawyers, etc. This method of instruction insures a thorough, practical, as well as theoretical, training. Nothing desirable of a scientific character is neglected, economics and kindred topics are taught by trained university instructors, and there are classes and societies for investigation and research; but the emphasis is at all times placed on the practical side of each study, on how to apply the knowledge acquired in the class room to the solution of the actual problems of business.

Course Perfected by Experience

The course of studies, chosen originally after much thought and deliberation, has been elaborated and perfected by eight years' experience in the practical operation of the department. Methods and theories which actual use has shown to be less suitable to present day needs, have been discarded for those more progressive and effective. The curriculum now offered is the well balanced and smoothly operating course of studies made possible by continued observation and careful experiment in this field of education.

Entrance Requirements

This department being strictly of university standard will admit no students except those who have had a high school education or those whose actual experience in business will enable them to follow the courses with profit. No student will be admitted who is under 18 years of age. Any student who is a high school graduate, or who has received an equivalent education, may enter as a candidate for a degree.

Open to Women

All courses of this department are open equally to men and women. Existing conditions have made possible for the latter opportunities in the field of business never before presented. The demand for women well trained along commercial lines is today almost universal. All the branches of our curriculum are accessible to them and presented in a manner already proven helpful and effective.

Degrees and Certificates

The University will confer the degree of Bachelor of Commercial Science (B. C. S.) upon all regular students who are candidates for a degree, and who (1) shall submit a satisfactory original thesis on some economic question, and (2) shall have successfully completed a three years' schedule of classes, including all the prescribed courses, and such additional electives as will entitle them to the necessary credits.

Post Graduate Work

For those who wish to carry on their work after graduation, a post-graduate course is provided, requiring one year's resident graduate work on approved subjects, and leading to the degree of Master of Commercial Science.

Degree Courses for Graduate Law Students

A special schedule of courses may be arranged whereby students who have graduated from recognized law schools, are

enabled to obtain the degree B. C. S. upon the satisfactory completion of two years' work.

Certified Public Accountants

The courses in Accountancy and Law are so arranged as to thoroughly prepare the student to pass the examination required, under the laws of the State of Missouri, for the issuance of a Certified Public Accountant's certificate.

Cost Accounting

An advanced course in Cost Accounting is given for the benefit of practicing accountants; regular students may also attend this course if their standing is sufficiently advanced.

English and Public Speaking.

A course in English and Public Speaking is offered for graduates of the department, and for business and professional men and women generally. The classes in this course meet regularly during the year.

One Year Courses in Mercantile Law and Economics

The schedule of classes is so arranged that any student who wishes to devote himself exclusively either to Mercantile Law or Economics, may complete the course in either of these studies in one year.

Foreign Language Courses

The department offers courses in French and Spanish. The object aimed at is to give a thorough, practical knowledge of these languages to business men and women. Correct and technical commercial forms of expression are featured. These classes should prove of value to those interested in foreign trade, secretarial or correspondence work.

Library Facilities

Owing to the generous donation of friends and former students during the past years, the department now possesses

an exceptionally valuable library. A large number of carefully chosen works, on general and technical subjects, affords ample facilities for the investigation of any question touching upon commerce, industry, and finance.

Prizes

THE J. SHEPPARD SMITH PRIZE, donated by Mr. J. Sheppard Smith of the Mississippi Valley Trust Company, is awarded to the Senior who attains the highest general average in his examinations.

THE ECONOMIC CLUB PRIZES, donated by the Economic Club of St. Louis University, are awarded the Junior and Senior students who rank highest in their respective classes.

Location

The School of Commerce and Finance is situated in the south wing of the Administration Building of the University, on Grand Avenue and Pine Street. This location is equally accessible from the business and residence districts, lies at the exact geographical center of St. Louis, and can be quickly reached by street car from every part of the city.

Academic Year

The academic year commences on the first Monday in October and continues until the last Friday in May. It is divided into two terms or semesters, beginning on the first Mondays of October and February, respectively.

Evening Sessions

Classes are held on Monday, Wednesday and Friday evenings, beginning at 7:30 p. m.

Tuition and Fees

The tuition for all regular students taking a full schedule of courses is \$80.00 a year. Special students are charged in accordance with the number and character of the subjects studied.

All tuition must be paid by the quarter, and strictly in advance. The first quarter begins on the first Monday in October, and the three subsequent quarters begin on the first day of December, February and April respectively. No student shall, in any event, be allowed to remain delinquent in the payment of a quarter's tuition later than the end of the first month of the quarter.

Any student wishing to reduce his course must give notice of his intention to do so one quarter in advance; otherwise no allowance will be made on his tuition charges.

No tuition will be refunded to any student except in case of protracted illness.

No student will be allowed to advance to a higher class, or to graduate, until all of his financial obligations to the School are satisfied.

All students, whether regular or special, are charged a matriculation fee of \$5.00, to be paid but once, for enrollment by the University.

A graduation fee of \$10.00 is charged to degree students for graduation; and one of \$3.00 to certificate students.

Conditional examinations, \$2.00.

Other Information

The University reserves at all times the right to temporarily withdraw any course in which less than ten students are enrolled.

For further information address the Secretary of the School of Commerce and Finance, St. Louis University, Grand Avenue and Pine Street, St. Louis, Mo.

During the summer months the Secretary or some other officer of the faculty may be found at the University from 12:30 to 1:30 p. m., and from 3:30 to 6:30 p. m. Special appointments may be arranged for at other hours. Catalogs sent on request.

--- HOUR SCHEDULE OF FIRST YEAR COURSES. ---

Time.	Monday	Wednesday	Friday
7:30	Economics	Contracts; Agency	Ethics
8:15	Accounting	Business Management	Accounting
9:00	Accounting	Advertising Salesmanship	Accounting

--- HOUR SCHEDULE OF SECOND YEAR COURSES. ---

Time.	Monday	Wednesday	Friday
7:30	Investments; Credits	Corporations; Partnerships	Advanced Economics
8:15	Accounting or Some Elective	Banking	Accounting or Some Elective
9:00	Accounting or Some Elective	Corporate Finance	Accounting or Some Elective

--- HOUR SCHEDULE OF THIRD YEAR COURSES. ---

Time.	Monday	Wednesday	Friday
7:30	Sales, Bailments and Carriers	Advanced Economics	Negotiable Instruments; Bankruptcy
8:15	Accounting or Some Elective	Foreign Com- merce or other elective	Accounting or Some Elective
9:00	Accounting or Some Elective	Some Elective	Accounting or Some Elective

HOUR SCHEDULE OF ELECTIVE COURSES.

Time.	Monday	Wednesday	Friday	Saturday
7:30	Political Science		European Monetary Systems	Commercial English
8:15	Junior Accounting	Economic Resources	Junior Accounting	
8:15	Senior Accounting	Trade Labels and Patent Rights	Senior Accounting	
8:15	Cost Accounting	Interstate Commerce Law	Real Estate	Economic Seminar
8:15	English and Public Speaking	Landlord and Tenant	Life Insurance	
8:15	Spanish	Transportation	Spanish	
9:00	Junior Accounting	Office Management	Junior Accounting	
9:00	Senior Accounting	Fire Insurance	Senior Accounting	
9:00	Advanced Spanish	Insurance Law	Advanced Spanish	

Description of Courses

Accounting

The courses in accounting are both thorough and comprehensive, familiarizing the student with the latest and most satisfactory methods. They are regular C. P. A. courses and cover the entire field of business analysis, costs, auditing, and the theory and practice of accounts. The teaching is done by chartered and certified accountants, from the leading accounting firms doing business in St. Louis.

Course I. General Accounting (120 hours.)

The object of this course is to lay a solid foundation for the subsequent study of advanced and specialized accounting. To secure absolute thoroughness as well as coherent development, Walton's graded system of General Accounting is used, supplemented by texts of other standard authors. The course includes: The elements of accounting; single and double entry; debits and credits; journalizing, posting and trial balances; closing books; proprietor's accounts; trading and manufacturing accounts; partnership accounts, etc. Advanced analytic study of accounting; analytic study of the balance sheet; assets and liabilities; depreciation; capital stock; profits; surplus and reserves; sinking funds; counting-house methods and business practice; theory of accounts and its adaptability to practical work; general principles of specialized accounting.

A series of comprehensive and carefully graded exercises, simultaneous with and collateral to the lectures on the science of accounts, to insure the student's thorough grasp of the principles acquired and his facility in their practical application.

Course II. Advanced Accounting (240 hours.)

This course includes as sub-courses all the advanced accounting courses as set forth below. The purpose of this course or group of courses is to prepare the student for the successful practice of the profession of accountancy; and is designed with special reference to fitting candidates to pass the examinations set by State Boards of Accountancy.

Course III. Corporation Accounting (30 hours.)

Corporate formation; books of account, stock accounts; capital, assets and investments; working and trading assets; deferred assets; sinking funds; bonds and debentures; current and deferred assets; reserves; depreciation of property and plant; securities and investments; organizations and reorganizations; mergers, trusts and combinations; insolvency and receivers; systematizing.

Course IV. Cost Accounting (30 hours.)

Analysis of the sources of cost; tracing the cost from the raw materials through the processes of production to the finished product; apportioning costs; cost of labor, skilled and unskilled; cost of management and exploitation; cost units; analysis of costs to determine the relative efficiency of various departments, various aggregate or individual units; trading as distinguished from manufacturing costs; installing and operating cost systems; cost keeping according to the most satisfactory methods; comparative value of different systems of cost accounting.

Course V. Auditing (30 hours.)

Duties and responsibilities of an auditor; scope and purpose of an audit; conduct of an audit, working papers; verifications of accounts, vouchers, etc.; the close of an audit, analytical comparison of compilations, preparation of report; various kinds of audits, as banks, trust companies,

hotels, clubs, public service corporations, breweries, insurance companies, railroads, municipalities, etc.; special investigations; auditing questions.

Course VI. Fiduciary and Investment Accounting
(30 hours.)

Accounting of administrators and executors; accounting of trustees; problems of trust accounting; accounting of guardians, curators, etc.; investment accounting; stocks, bonds and debentures; collateral, loans, interest; special problems of investment accounting.

Course VII—VIII. Accounting Problems (120 hours.)

These courses are designed to teach the student how to analyze the practical accounting problems which confront the student in applying the principles which he has theoretically acquired during the first year and which he has continued to amplify during the second and third years; the problems cover all the important phases of co-partnership, corporate and cost accounting as exemplified in the leading lines of business, as manufacturing, trading, real estate, contracting, railroading, banking, brokerage, etc. They constitute a double or continuous course running through the whole of the second and third years.

Law

Our law courses give to the business man all the law that is of any practical value to him in his business life. The classes are taught in regular law school fashion, standard law texts are used, and all lecturers are practicing lawyers of experience.

Course I. Contracts and Agency (30 hours.)

The elements of a contract; parties to a contract; kinds of considerations; illegal, fraudulent and other void contracts, construction of contracts; verbal and written contracts, the Statute of Frauds; how contracts may be terminated; specific performance; breach of contract; damages.

The contract of agency; who may be agents, and how appointed; agency by ratification or estoppel; rights and duties of agents and principals in reference to each other; rights and duties of principals and agents in reference to third parties, termination of the contract of agency.

Course II. Partnerships and Corporations (30 hours.)

Articles of co-partnership; sharing of profits and losses; rights of partners against each other; rights of creditors against firm and partners; silent and dormant partners; commercial paper of partnership; accounting; termination of the co-partnership. how effected; liquidation of assets.

Forming a corporation; stock subscriptions; the nature and contents of charter and by-laws; stockholders' and directors' meetings; the various forms of corporate stock and the rights of holders thereof; corporate elections; rights of minority stockholders; ultra vires acts; voting trusts; directors' and stockholders' liabilities; rights of creditors; dissolution.

Course III. Sales, Bailments and Carriers (30 hours.)

The contract of sale; memoranda, immediate and future sales; time of delivery; shipment, rights and duties of consignee, consignor and carrier; stoppage and loss in transit; when the contract is closed; setting aside sales; warranties; sales by sample, by description, etc.

Nature and classification of bailments; bailments for the benefit of the bailor; bailments for the benefit of the bailee; mutual benefit bailments; innkeepers; common carriers of goods; common carriers of passengers; telegraph and telephone companies.

Course IV. Negotiable Instruments and Bankruptcy (30 hours.)

What instruments are negotiable; bills, notes, drafts and checks; acceptance of drafts; certified checks; defenses to suits brought on negotiable paper; partnership and cor-

poration papers; rights and liabilities of endorsers, presentment; notice of dishonor, protest.

Acts of bankruptcy; who may become bankrupts; exemptions; duties of bankrupts; compositions; discharge; offenses against the bankruptcy law; duties of trustees and referees; creditors' meetings; proof and allowance of claims; preferred creditors; estates.

Course V. Tenancy and Insurance (30 hours.)

Nature of real property; kinds of estates; fee simple estates; life estates; estate less than for life; leaseholds; rights and liabilities of landlord and tenant; the law of fixtures; conditional estates; mortgages; equitable estates; joint estates; titles; conveyancing; deeds.

Nature of the insurance contract; requisites of the insurance contract; insurable interests; premiums and assessments; concealment of fact; representations and warranties; insurance agents and their powers; rights under the policy; the standard fire policy; terms of the life policy; marine insurance; accident insurance; guaranty, credit and liability insurance.

Course VI. Trade Marks, Patents and Interstate Commerce Law (30 hours.)

Trade marks, trade labels, copyrights, patents, rights and duties of holders thereof, duration and limitation of rights.

Nature and jurisdiction of the Interstate Commerce Commission, an examination of its leading decisions in regard to railway rates, common carriers, commerce regulation, accounting, publication of tariffs, etc.

Economics

The courses in Economics discuss the great laws and principles which underlie commercial activities and whose study constitutes the science or philosophy of business. These

courses treat of the laws determining the location and development of industries, the causes of trade movements, markets, prices and price fluctuations, depressions and panics and how to forecast them, and a great number of other subjects of equal interest and importance.

Course I. Ethics (30 hours.)

Ethical foundations; the nature, freedom and responsibility of man; the final end of man; right and wrong in human actions; rights and duties; conscience; the natural law; man's threefold duties; the family; society; private property; the state.

Course II. General Economics (30 hours.)

Production; increasing and diminishing returns; the advantages and drawbacks of modern industrial organization; locality and dimensions of industry; consumption; markets and prices; differential gains; international trade; money and coinage; credit and banking; foreign exchanges; profits, interest and wages; mistaken theories on riches; trade unions; employers' liability; taxation. This course gives a general view of the whole field of economics in preparation for the intensive courses of the two following years.

Course III. Advanced Economics (30 hours.)

This course comprises the required economics of the second year. On account of its intensive character, each assignment demands very careful preparation on the part of the student, and affords opportunity for considerable research work. The course is divided into four parts:

1. **INDUSTRIAL ORGANIZATION:** The organization of production; the development of modern industry; labor and capital in production; transportation and the economic area; large scale production; horizontal and vertical combination; corporate organization of industry; the problems of modern industrialism.

2. **MARKETS AND PRICES:** Value and utility; the nature and operation of markets; demand and supply; marginal value; speculation; value under constant cost; value and diminishing returns; value and increasing returns; monopoly value; joint cost and joint demand.

3. **THE PRINCIPLES OF FINANCE:** The precious metals; functions of money; the quantity of money and prices; the cost of specie in relation to its value; bimetallism; changes in prices; government paper money; banking and the medium of exchange; centralized and decentralized banking systems; crises and industrial depressions; financial panics; some monetary problems.

4. **INTERNATIONAL TRADE:** The mechanism of international trade; foreign exchange; the balance of international payments; the theory of international trade; the relative merits of protection and free trade.

Course IV. Economic Resources (15 hours.)

The importance and geographical distribution of the raw materials of commerce—food products, skins and leathers, textile materials, fibres, oils, woods, gums and resin, drugs, dye-stuffs, minerals and building materials; the chief sources of supply, and how they have been influenced by the growth of modern transportation facilities; development of mineral resources; conserving resources; problems arising from concentrated population.

The influence of natural resources on the growth of industry and the development of trade; the location and concentration of industry; the geographical division of industry; industrial conditions and trade movements.

Course V. Transportation (15 hours.)

The economics of transportation; its influence on commercial and industrial development; ocean transportation; harbors and seaports; export and import charges and duties; inland waterways and transportation; railroads; passenger

traffic; freight traffic; classifications, rates and tariffs; traffic policies; state and federal regulations; transportation problems. The value of this course will be largely enhanced by introducing a number of lectures by prominent railroad officials, who will supplement economic theory with suggestions drawn from everyday experience.

Course VI. Advanced Economics (30 hours.)

This course is a continuation of Economics III, and is divided into three parts:

1. **THE DISTRIBUTION OF WEALTH:** Interest on capital used in production; overproduction and over-investment; rural rents and land tenures; urban site rent; monopoly gains; wages and value; differences in wages; stratification; business profits; population; inequality and its causes.

2. **CURRENT ECONOMIC PROBLEMS:** Problems of labor; trade unions; labor legislation; agencies for industrial peace; workmen's insurance; co-operation; railway problems; public ownership and public control; combinations and trusts; socialism.

3. **TAXATION:** Principles underlying taxation; income and inheritance taxes; taxes on land and buildings; general property tax; taxes on commodities.

FIELD WORK: In connection with Economics III and VI field work is done by the students, especially in the study of Industrial Organization and Current Economic Problems. The many industrial and financial enterprises of St. Louis furnish excellent facilities for economic examination and analysis. Special research work, under the direction of the professor, is also insisted on.

Course VII. The Monetary Systems of Europe (30 hours.)

The Bank of England and the English Banking System; the Reichsbank; the German Imperial banking laws; evolution of credit and banks in France; the Bank of France; a

comparison of the fiscal systems of England, France and Germany; the relation of the Bank of France to National and International credit; the discount systems of Europe; the National Bank of Belgium; the Swiss banking laws; the Swedish Banking system; statistics.

Course VIII. Political Science (30 hours.)

The ethical basis of political science; the theory of government; analysis of the functions of government; governments of Greece; the government of Rome; Roman and canon law; ecclesiastical government; government during the middle ages; feudalism; types of modern governments; the government of France; the governments of Germany; the governments of Switzerland; the dual government of Austria-Hungary, and Sweden-Norway; the government of Great Britain; the government of the United States; special governmental problems.

Business Administration

Some of the courses in business administration teach scientific organization and management; others aim at making the student a technical expert in such special line of work as he may choose to follow. These courses are all taught by successful business men, who endeavor to give to the student the information that they have acquired from the experience of many years.

Course I. Business Organization and Management (30 hours.)

This course consists of a scientific examination of the principles underlying the successful conduct of business enterprises; and aims to impart to the student in a systematic manner the latest, most approved and most efficient plans of organization and management. The value of the course

is intensified by the fact that it is largely given by men who are actively engaged in the management of successful commercial, industrial and financial institutions.

Course II. Credit Management (15 hours.)

The basis for the legitimate extension of credit; the credit department of a wholesale house, and its equipment; gathering credit information; the mercantile agency; the credit department of a modern department store; collections and collection methods; the financial statement and its analysis; analysis of credit information in general; credit correspondence; banking credits; the legal equipment of the credit manager; bankruptcy and insolvency; liquidation of insolvent estates.

Course III. Investments (30 hours.)

Nature, method and laws of investment; government, state, county and municipal bonds; stocks and bonds of public service companies; stocks and bonds of industrial corporations; railroad stocks and bonds; fluctuation; stock markets; the relation of speculation to investment; the nature and progress of speculation; mortgages; real estate values and investments.

Course IV. Advertising (15 hours.)

Attracting and holding attention; grouping and arrangement; paper, type and illustration; display advertisements and reading notices; newspaper and magazine advertisements; direct publicity; advertising campaigns; bulletins, signs, and posters; window displays; wholesale and retail advertising; department store advertising; catalogues and mail order advertising; reaching the desired customer; relative value of different media; advertising agencies; advertising problems.

Course V. Salesmanship (15 hours.)

Personal qualifications, tact, address, personal magnetism; acquiring a thorough knowledge of the goods to be sold;

studying the customer; the approach; the demonstration; effectiveness in presenting arguments; closing the sale; increasing the order; developing new trade; written salesmanship; personal letters; follow-up letters; organizing a selling force; selling campaigns; selling policies; new and practical selling plans; the ethics of salesmanship.

Course VI. Corporation Finance (30 hours.)

Corporate stock; the sources of corporate funds; short time loans; the corporate mortgage; types of corporate bonds; corporate promotion; new enterprises; consolidations; selling securities; underwriting syndicates; investment of capital funds; disposition of gross earnings; betterment expenses; the corporate surplus; corporate manipulations; insolvency and receiverships; reorganizations.

Course VII. Practical Banking and Finance (30 hours.)

A thorough and practical exposition of the principles of finance and banking; nature and value of money; credit; domestic and foreign exchange; relation of money and credit to prices and the rate of interest; commodity or metal money; monometallism vs. bimetalism; fiat money; credit money; the money of the United States; current monetary questions.

The nature and importance of banking operations; the bank clerk; the paying teller and his cash; the receiving teller and the depositors; the collection department; the discount clerk and his duties; the bank's collaterals; bonds and coupons; the cashier and his duties; the stock, its ownership and transfer; the bank's circulation; foreign exchange and letters of credit; checks; notes and drafts; the president and directors; board meetings; management; the clearing house system; trust companies.

Course VIII. Insurance (30 hours.)

The nature of the insurance contract; relations between company and insured; the main type of insurance organiza-

tions; the New York standard and other policies; forms and clauses, including co-insurance, mortgage, percentage value, etc.; insurance procedure; insurance accounting; loss adjustments; rating methods and special schedules; inspection methods; other forms of insurance.

The life policy; net and office premiums; mortality tables; level premium reserves; general policy provisions; special policy provisions, distribution of surplus as dividends; modes of settlement; procedure and routine of the life insurance business.

Course IX. Real Estate (15 hours.)

This course consists of an exposition of the more important underlying principles which control the successful operation of the real estate business; it includes such matters as: estate management; rent collections; real estate sales; real estate loans; shifting of real estate values; mortgages; conveyancing; title examination; insurance; real estate advertising, etc.

Course X. Office Management (15 hours.)

Laying out floor space; hiring employees; building an organization; schemes of supervision; daily and weekly records; merit systems; overtime; office libraries; petty stealing; departmental records; office appliances; order systems; social organizations, etc.

Course XI. Foreign and Domestic Commerce (30 hours)

Domestic trade conditions, trade movements, mining, crop conditions, manufacturing, centers of distribution, the money market.

Foreign trade conditions, foreign markets, exporting details, correspondence, export commission houses, export orders, preparing and making shipments, marine insurance, financing foreign business, foreign exchange.

Commercial Languages

Course I. Commercial Spanish (120 hours.)

This course is of particular value owing to the constantly increasing volume of trade between St. Louis and the Latin-American countries; necessitating the employment, by many of the large jobbers and manufacturers of secretaries, stenographers, salesmen, etc., capable of handling Spanish correspondence and business. It aims at imparting to the student, as rapidly as is consistent with thoroughness, an easy and exact command of the language sufficient for all commercial purposes.

Course II. Commercial French (120 hours).

This course is similar in scope and method to that in Spanish described above.

Course III. English and Public Speaking (30 hours.)

Thought development; division and arrangement; oratorical composition; argumentative, expository and demonstrative speeches; after-dinner talks; the practical business talks; extempore talks.

Enunciation and inflection; tone development; distinctness, power and pathos; power and grace of gesticulation.

Course IV. Commercial English (30 hours.)

A thoroughly practical course in business writing and correspondence.

This course is designed primarily for those who are lacking in the technical language of business; though it is open to any student. The class meets once each week.

Roll of Honor

List of Former Students of the School of Commerce and Finance with the Colors:

Charles J. Almstedt	Joseph M. Dooley
Roland P. Almstedt	William T. Dooley
Oliver Anderson	Raymond J. Duffy
Andrea V. Andreoff	Walter R. Engler
Frederic A. Arnstein	Eugene A. Erker
Herman C. Appelbaum	Will C. Essman
Virgil S. Bailey	John J. Farrelly
Robert J. Barnicle*	Carl E. Finch
John P. Barrett	Edward S. Flammger
H. Clay Begole	Fred C. Flaskamp
Charles H. Boardman	Alonzo P. Fox
Joseph P. Bodenmueller	Robert E. Furlong
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William K. Bowlin*	C. Earl Giralдин
Michael W. Brennan	Spaulding F. Glass
Joseph H. Bridge	Joseph M. Green
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Michael J. Carl	Leo S. Hadley
John B. Clayton	Thomas H. Hamilton
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Cornelius G. Clyde	J. D. Hannegan
George H. Copeland	Elmer L. Hein
Francis J. Croak	George Heneghan
Richard L. Daly	John A. Hines
Paul Dague	Walter H. Hofmann
William J. Dahn	Robert A. Huelsick
Joseph M. Darst	Sylvester C. Judge, Jr.
James D. Daugherty*	Adolph Kahn
Charles W. Dean	Alfred J. Kaletta
Frank M. Depke	Frank T. Keough
Aloys A. Deters	James I. King
Raymond M. Dodd	Thomas J. Kinsella
Wallace S. Dodd	George F. Rippley

*Died in Service.

Gregory Kircher

John H. Kroll

John J. Lang

Robert B. Leacock

Edward Loftus

Carl W. Luyties

J. Vincent Lynn

George W. McCoy

Gilbert McDonald

Paul P. Mabry

Stuart H. Mann

Joseph N. Meyer

Arthur C. Meyers

Leo Moser

Bernard M. Murphy

Francis H. Murphy

Herman Nelson

Russell J. Nies

Morgan Nugent

Earl J. O'Brien

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Joseph A. Rabitt

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Ralph Rapp

Albert Rezits

Michael J. Riordan

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Thomas F. West

Francis X. Wilhelm

Raymond J. Wille

*Died in Service.

School of Divinity

School of Divinity

Officers

REV. BERNARD J. OTTING, S. J.,
President of the University.

REV. FRANCIS J. O'BOYLE, S. J.,
Dean.

REV. FREDERICK P. HAGEMANN, S. J.,
Spiritual Director.

Departments

The School of Divinity is divided into four departments or sections, each of which embraces those groups of studies which are closely related.

In the first, or Dogmatic Section, are included Dogmatic Theology, strictly so-called ; and Fundamental Theology, or General Apologetics.

In the second, the Moral Section, are included Moral Theology, Canon Law and Liturgy.

In the third, the Biblical Section, are included the History of Revelation, Special Introduction to Sacred Scriptures, Exegesis and Oriental Languages.

The fourth, the Historical Section, deals with the History of the Church, its Councils, Institutions and Dogmas.

To these are added the studies of Sacred Eloquence and Ecclesiastical Music.

Method

The course is entirely by lecture, supplemented by regular and frequent repetitions in the accurate scholastic form. The examinations are oral. Lectures and examinations are in Latin.

Outline of Courses

Department I.—Dogmatic Theology

Course I.—General Apologetics

Four lectures a week. Seminar, two hours a week. Two Semesters.

Revelation

Revelation. Possibility of Divine Revelation. Necessity of Supernatural Revelation. Distinctive marks by which a true Revelation may be recognized. Miracles and Prophecies, certain signs of the Divinity of a Revelation. Other criteria.

Christian Revelation. The Four Gospels and the Acts of the Apostles, authentic historic documents. Jesus of Nazareth proves His Divine Mission by the miracles and prophecies narrated in the Four Gospels, especially by His Resurrection from the dead. The spread of the Christian Religion, historically viewed, is an incontrovertible evidence of its divinity. Other proofs. Religious Experience. Messianic Prophecies.

Faith

Its Nature. An act of supernatural faith is an intellectual assent given under the impulse of the will to revealed truth because of the authority of God revealing it.

Material Object. Faith must extend explicitly or implicitly to all truths revealed by God, and to those only. What is implicitly, but formally, revealed, is the object of faith; not, however, what is only virtually revealed.

Evolution. Revelation closed with the Apostles. There neither was nor will be further divine revelation obligatory

on all men. There is an evolution in the manifestation of the material object of faith. This evolution consists in proposing explicitly, clearly, more urgently, truths contained in the word of God as originally intrusted to the Apostles and preached by them, though only implicitly, more or less obscurely, less insistently.

Prerequisite to An Act of Faith. Certain knowledge of God's wisdom and truthfulness and of His revelation is required that our faith may be a rational act. Character of this knowledge in the learned and the unlearned. Manner of acquiring it.

Analysis of the Act of Faith. Being a mediate assent to the revealed truth because of our assent to God's authority revealing it, an act of faith is a virtually discursive act. Difficulty of explaining the psychological nature of the assent with which in the act of faith itself we affirm God's authority and revelation. The various explanations considered.

Properties. An act of supernatural divine faith is by its very nature obscure. This obscurity does not make it impossible for one to have scientific knowledge and faith with regard to the same truth.

It is also certain. This certitude in a true sense surpasses all natural certitudes.

It is essentially true, and also immediately free in as far as it is elicited only under the impulse of a free act of the will.

It must be universal; a deliberate doubt or denial of a single article of faith renders supernatural divine faith in any other article impossible.

Without actual faith in God's existence and in His being our Remunerator in the supernatural order, salvation impossible for adults. Other truths which must necessarily be believed explicitly as a matter of precept.

Holy Scripture

General Introduction. History of the Canon of the Sacred Books. History and authority of texts and versions. The authority of the Latin Vulgate. Principle and history of biblical hermeneutics.

Inspiration. The Inspiration of the whole of Scripture and the Canon of the Sacred Books can be known with certainty only through the infallible teaching of Christ's Church. Nature of Inspiration. False views. True explanation. God the principal Author of the Sacred Books and of all their parts. Nature of God's action on the mind and will of the sacred writer. Extent of Inspiration. The Church the only infallible interpreter of the inspired word.

Course II.—General Apologetics

Four lectures a week. Seminar, two hours a week. Two Semesters.

The Church

Institution of the Church. Preliminary notions. The Church founded directly by Christ. The Church, a perfect society. The proximate and ultimate ends of the Church. The Church, a Monarchy. Church and State. Members of the Church.

Marks of the Church. The Church, a visible organization, consisting of a body and soul. There is but one true Church of Christ. Unity, Sanctity, Catholicity, and Apostolicity, marks of the true Church of Christ. The Roman Catholic Church possesses these marks. No other Christian denomination has these marks. The Church is infallible. The infallible teaching of the Church extends to all matters pertaining to Faith and Morals. Scripture and Tradition, the two sources of the Church's teaching.

Supreme Head of the Church. St. Peter, constituted by Christ the Supreme Head of the Church. The Primacy of

St. Peter in the Church will endure forever. The Pope is the Successor of St. Peter as Bishop of Rome and in the Primacy over the whole Church. The Pope's Primacy, by Christ's institution, is a true power of jurisdiction, ordinary, immediate, comprising the fullness of the spiritual powers over all the members of the Church. Oecumenical Councils. The Pope Infallible when teaching "ex cathedra" i. e., as Universal Teacher of the Church in matters appertaining to Faith and Morals.

Tradition

Tradition. Definition. It is one of the two sources of revelation. Force of the unanimous consent of the Fathers in matters of faith and morals. The Fathers as private Doctors. Consent of Theologians. Authority of St. Thomas. The belief of the faithful. Human reason in Theology.

Course III.—The Triune God

Four lectures a week. Seminar, two hours a week. Two Semesters.

The One God

Existence of God. God knowable to man through creatures. Defined by the Vatican Council. Proved from the Sacred Writings and the Fathers.

Scientific Demonstration of this Truth. The various metaphysical, physical, and moral a posteriori arguments. God not knowable naturally, except through creatures.

Essence of God. A pure spirit of infinite perfection. Physical essence. Metaphysical essence. His self-existence expressed by His name—"I AM."

Attributes of God. His Unicity, Simplicity, Immensity, Immutability, Eternity, Omnipotence, Invisibility, Incomprehensibility. Distinction of God's Attributes from one another, and from His essence.

God's Knowledge. Principal and formal object of Divine Understanding. Secondary and material objects.

God's Will. His antecedent and consequent will; absolute and conditional will; efficacious and inefficacious will.

Liberty of God's will. How harmonized with His immutability.

Providence of God. Natural; embraces all creatures. Supernatural. God's sincere will of man's salvation. How modified by free created agents.

Predestination. Its existence and properties. Though certain and immutable in itself, it is naturally uncertain to man; wholly gratuitous as regards the First Grace; merited as regards Eternal Glory. Various effects of Predestination. Reprobation, the fault of man.

The Trinity

Existence of this Mystery. There are Three Persons in God. Their consubstantiality. Hence each Person is truly God. The various elements of this mystery clearly contained in numerous texts of Holy Scripture.

Knowledge of this Mystery. How far revealed and known in the Old Testament. The Trinity and especially the consubstantiality of the Three Divine Persons in the writings of the Ante-Nicene Fathers. The Trinity and reason.

Nature of This Mystery

Processions in God. There are only two. Principles of these processions. Difference between these processions, as manifested in the Sacred Writings. The Holy Ghost proceeds from the Father and the Son, who are one principle of procession.

Relations in God. Their existence, number, nature. How they constitute the Persons.

The Divine Persons. Their equality. Their in-existence, one in the others. Appropriation of works and attributes to one Person.

Course IV.—Sin. The Incarnation

Four lectures a week. Seminar, two hours a week. Two Semesters.

Sin in General

Nature of Sin. Sin, a moral act at variance with the dictates of reason. Every sin an offense against God. Inequality of sins.

Cause and Effect of Sin. God not the cause or author of sin. The guilt of sin distinct from its liability to punishment.

Personal Sin. The existence of venial sin proved from Holy Writ. Difference between mortal and venial sin, intrinsic to the sin and derived from the gravity of the obligation violated. Habitual sin consists in the guilt of actual sin morally persevering.

The Incarnation

Existence of this Mystery. The divinity of Christ proved from the Old and the New Testament.

Nature of this Mystery. The Word Incarnate, as One Physical Person; according to the Doctrine of the Church against Nestorius. Two perfect natures in Christ, against the Monophysite heresy. Two Wills and Two Operations in Christ, as defined against Monothelitism.

Causes of the Incarnation. Essence of the Hypostatic Union. The Hypostatic Union supernatural; ranks above all other unions, natural and supernatural. Its perpetuity and extent.

The Person of the Word alone assumes human nature. The whole Trinity the efficient cause of the Incarnation. The Redemption of man from sin its final cause. The interchange of the predicates of the Divine and Human Nature in Christ.

Perfection of the Soul of Christ. The beatific vision. Infused and acquired knowledge. The Freedom and Impeccability of His Will. The Soul of Christ holy by the Increased Sanctity of the Word and by the plenitude of sanctifying grace.

Attributes of the God-Man. The Divine Sonship of the Logos the only true sonship of Christ, excluding adoption and human sonship. Christ's Kingship and Priesthood.

The Atonement. The Hypostatic Union necessary if God wished adequate satisfaction for sin. Christ truly atoned for sin. Christ died for all men.

The Worship Due to Christ. The Man Christ an object of Divine worship. Adoration of the Sacred Heart of Jesus.

Veneration of Relics and Sacred images. The Invocation of Saints.

Course V.—God, as the Author of Nature and of the Supernatural

Four lectures a week. Seminar, two hours a week. Two Semesters.

God, as the Author of Nature

Creation in General. Notion of creation. Various definitions. Formal object of creation. Nature of the creative act. Fact of the World's creation known through revelation. Reason's verdict on this fact.

The three Divine Persons create, but there is One Creator. Appropriation of creation to the Father. Creation, as exclusively proper to God. God is also the exemplary and final cause of creation. God's extrinsic glory the end of creation.

Mode and order of the world's formation. The Mosaic Cosmogony. Various interpretations. Science and the Mosaic Narration.

The Angels. Their existence certain. Each was immediately created by God in time. Their nature, number and hierarchy ; supernatural endowment ; relation to men. The Fallen Angels.

Man. The Bodies of our first parents were immediately fashioned by God. Evolution of the body of man from lower animals seems to be contrary to revelation. No scientific proof has been advanced to establish such an evolution. Each human Soul is created by God at the moment of its infusion into the body. There are two constituent elements in man, a body and a spiritual soul. Age of the human race.

God, as the Author of the Supernatural

The Supernatural Order. Various meanings of the word Nature. Preternatural and supernatural gifts.

Man in the State of Original Justice. Our first parents were not only made the children of God by the infusion of sanctifying grace, but they were favored with other marvelous gifts. Connection of these preternatural gifts with supernatural grace. All these gifts were absolutely gratuitous, as was also man's destination to supernatural beatitude in heaven.

Original Sin. It is transmitted to every human being that comes into the world by way of natural generation, the Blessed Virgin Mary alone excepted, who was preserved from its stain by the merits of Jesus Christ. Nature of this sin. How voluntary in us. Its effects in this life, in the next. It in nowise conflicts with the justice or wisdom or goodness of God.

De Novissimis

The Beatific Vision. Essentially the same for all the Blessed, but unequal in degree according to the merits of each. It is not deferred till the Day of Judgment. By its

very nature it excludes the possibility of sin in the Blessed and is eternal.

Existence of Hell. Teaching of the Church. Athanasian Creed. Fourth Council of Lateran. Constitution of Benedict XII. Scripture, Fathers, Reason.

Nature of the Punishment. Eternity. Pain of Sense.

Purgatory. Its existence. Certainty of Salvation of souls suffering in Purgatory.

Resurrection of the Body. Catholic Dogma. Specific and numerical identity of the body. Modern Rationalists answered.

Judgment. Particular Errors of Nestorius, Calvin. Time and place. Universality. Chiliasm. Millennium.

Course VI.—Grace. The Infused Virtues

Four lectures a week. Seminar, two hours a week. Two Semesters.

Preliminary Notions and Truths

General concept of Grace. Its main division: Natural and Supernatural, Uncreated and Created, Grace of God and Grace of Christ, External and Internal, Gratuitous and Ingratiating, Habitual and Actual.

Salutary acts are entitatively supernatural. Liberty of the will. This liberty was not destroyed by Original Sin. It is necessary for merit.

Actual Grace

Divisions. Awakening grace, Helping grace: Sufficient grace, Efficacious grace: Healing grace, Elevating grace.

Nature of Actual Grace. It formally consists in indeliberate acts of the intellect and will immediately and super-

naturally caused by God. Intrinsic and extrinsic elevation. Nature of the action of grace and of the faculties in producing the supernatural act.

Necessity of Grace. Grace is necessary for every salutary act: also for the Beginnings of Faith and Salvation. Special supernatural aid is necessary for perseverance. What man may know and do in the moral order without grace. Heresy of the Pelagians, of the Semi-Pelagians. Similiar errors of modern Rationalists.

Grace and Free Will. Man's will remains free under the influence of efficacious grace. Meaning of grace really but purely sufficient. Such grace exists. Difficulty of harmonizing efficacious grace with the freedom of the will. The Molinist explanation preferred.

Economy of Grace. It is absolutely gratuitous. Grace at least remotely sufficient is given to all men: to the Just, to Sinners, even the obdurate, to Infidels.

Habitual Grace

Justification. Its character. Numerous systems of Protestants. Catholic doctrine embraces two things: The real remission of sin, which is completely blotted out and not merely not imputed, and the sanctification and inward renewal of man by the voluntary acceptance of sanctifying grace and supernatural gifts.

Sanctifying Grace. Its nature. Its formal effects. Character of the union which it effects between the soul and the Holy Spirit.

Disposition for Justification. The Catholic Doctrine. The Lutheran and Calvinistic Doctrines. Saving faith. Nature and object of this faith. Its necessity. Faith alone not sufficient.

Properties of Justification. It is uncertain. Grades of justice differ in different men. Man may fall from the state of grace. He does so through any mortal sin.

Merit. General definition of a meritorious work. If the quality of the work done claims a reward as a matter of justice, its merit is termed *de condigno*; if it only claims a reward as a matter of liberality or fittingness, its merit is *de congruo*. Possibility of man's meriting with God.

Conditions of Condign and Congruous Merit required on the part of the act, of the person meriting, of God.

Infused Virtues

General Study

Existence. There are only three theological virtues: Faith, Hope and Charity. Infused moral virtues.

Nature. They are new permanent principles of action in the supernatural order, but unlike the acquired virtues, they do not bestow facility of operation. Facility due to acquired natural virtues.

Cause. God is their sole efficient physical cause. He infuses all of them simultaneously in justification. In the just, every supernatural action merits increase of sanctifying grace, and proportional increase in the intrinsic perfection of all the infused virtues.

Loss. Mortal sin deprives the Just of sanctifying grace and of the infused virtues save faith and hope. These lost only through the sins of infidelity and despair. Venial sins neither destroy nor directly diminish the intrinsic perfection of sanctifying grace or of the infused virtues, but they are a disposing cause of their ultimate loss through mortal sin.

Special Study

Faith. See page 186.

Hope

Its Nature. Distinction from faith and charity. Its subject.

Properties. The act of hope is necessary for salvation. Absolute expectation of eternal beatitude is not certain without a special revelation. This uncertainty not attributable to God, but only to the possibility of man's not corresponding to God's grace.

Object. Its formal motive is God's relative goodness, in as far as hope is a desire of eternal beatitude; and God's omnipotence, mercy and fidelity, in as far as hope includes energy and effort in the face of difficulties.

Its primary material object is man's beatitude; everything conducive to that beatitude is its secondary object.

Charity

Formal and Material Object. Formal motive of charity, God's absolute goodness. Material object, primary God; secondary, every creature capable of partaking of the eternal happiness of God.

Nature and Properties. Charity constitutes a true friendship between God and Man. It is the most excellent of the virtues; the vivifying principle of all the others.

Course VII.—The Sacraments in General

Baptism. Confirmation. Holy Eucharist

Four lectures a week. Seminar, two hours a week. Two Semesters.

The Sacraments in General

Essence and Existence. The definition of a sacrament. There are seven sacraments, all instituted by Christ. Not all are of equal necessity and dignity.

Effects. Sacraments of the Old Law are not productive of grace *ex opere operato*; sacraments of the New Law are, *ex opere operato*, productive of grace in recipients disposed. All sacraments are sources of special graces; some impress a character.

Matter and Form. The intrinsic causes of the sacraments. The matter and form are determined by Christ in some way for all the sacraments.

Minister. The proper minister of each sacrament. An interior intention, at least virtual, but neither faith nor grace, is necessary in the minister for valid administration; for licit administration by an ordained minister, grace is necessary.

Subject. For the valid reception of the sacraments, an intention is necessary in adults, but not faith strictly so-called; faith is required in Penance. For the fruitful reception of the sacraments of "the living," grace is necessary.

Baptism

Nature. The definition considered physically and metaphysically. Its institution by Christ. Remote and proximate matter. The form is expressive of laving.

Necessity. It is ordinarily a necessary means of salvation. Where it is impossible the desire of baptism is sufficient in adults; where possible, adults are under precept to receive it. Perfect love and martyrdom as substitutes, and their conditions.

Effects. Remission of sin original and actual, and of all punishment due to sin. Infusion of sanctifying grace. The gift of special graces as necessary for the attainment of man's last end.

Confirmation

Nature. Its institution. It is not necessary for salvation with the necessity of means, but only with the necessity

of precept. The matter of the sacrament is the anointing and the laying on of hands, not one only but both. The chrism. The form are the words used during the action.

Minister. The ordinary minister is the bishop; the extraordinary, a priest with delegated power.

Subject. Every one who has received baptism, and only such.

Holy Eucharist

Nature and Excellence. The real presence of Christ is proved from John 6, Matt. 26, Mark 14, Luke 22, I Cor. 11; from the Fathers; from the teaching of the infallible Church.

Manner of Christ's Presence. It is permanent; through transubstantiation of the bread and wine into the body and blood of Christ.

Intrinsic Causes. The matter of the sacrament is wheaten bread and wine of the grape. Leavened bread with the Greeks; and unleavened bread with the Latins, is solely a matter of precept. The form of the sacrament are the words essential to the expression of Christ's presence.

Dispensation of the Sacrament. All who are baptized and in the state of grace, and they alone, can receive the sacrament with fruit. The sacrament is not necessary *necessitate medii* as a means of salvation, but it is commanded by both divine and ecclesiastical law. The priest is the sole minister of consecration and the ordinary minister of distribution; the deacon is an extraordinary minister of distribution.

The Mass. It is a true sacrifice, as proved from Malachy 1, Heb. 5, 7 and 13; from the Fathers; from the teaching of the Church. Christ is Himself the priest and the victim. The Sacrifice of the Mass remits sin and its punishment, not, however, in the same way as the sacraments. It is offered to God alone.

Course VIII.—The Sacraments

Four lectures a week. Seminar, two hours a week. Two Semesters.

Penance

Virtue. Real Distinction from the virtues theological and moral. Distinguishing motive. Material Object.

Sacrament. Institution, John XX, 21 sq. Power to forgive, all-embracing. Power of binding and loosing. Judicial Character. Requisites on the part of the Penitent.

Contrition. Nature of the Act. Perfect Contrition with implicit desire of the Sacrament, a means of Justification. Attrition, sufficient for proper reception of the Sacrament.

Confession. Necessity. Per se, should embrace all mortal sins; per accidens, formal integrity suffices.

Satisfaction. Efficacy in remitting temporal punishment.

Minister. Only regularly ordained priests. Proof from tradition. Necessity of Jurisdiction. Meaning of Judicial Sentence, as expressed in the words of Absolution.

Extreme Unction

Nature. Sacrament of the New Law (Trid. XIV). Its essence. Episcopal Benediction of Remote Matter essential.

Minister. Duly ordained priest; Subject, adult person grievously sick. (St. James V, Trid. Sess. XIV, Denz. 807.)

Effect. Bestowal of Habitual Grace. Strength communicated to the soul against temptations and difficulties. Disposing the soul for entrance into life eternal. Restoration of health.

Holy Orders

Nature. Essential Distinction between Clergy and Laity, of Divine Right. A Sacrament of the New Dispensation. Minor and Major Orders. Bishops, Priests and Deacons.

Matter, Form, Minister. Imposition of Hands, Prayer of Bishop. Subject, Baptized Male Person.

Matrimony

Nature. Sacrament of the New Law. As such, identical with the matrimonial contract in the case of Christians. Matrimony of the unbaptized, not sacramental.

Minister, Matter, Form. Contracting parties, consent of Contracting Parties, of Parents.

Polygamy. The Natural Law. The Patriarchs. The Gospel.

Indissolubility. Matrimony of the Unbaptized The Old Testament "Bill of Divorce." Pauline Privilege. Doctrine of Christ. Papal Dispensation.

Impediments. The Right of the Church to establish them. Trid. XXIV.

Department II.—Moral Theology, Canon Law, Liturgy

SECTION I.—MORAL THEOLOGY.

Course I.—Moral Principles. Christian Duties

Five lectures a week. Seminar, one hour a week. Two Semesters.

Part I. Principles

Human Acts. Nature; constituents; voluntarium and its species; voluntarium in causa, regulating principles Modifying influences of Human Acts—ignorance, concupiscence, fear, violence. Morality, its essence. Whether there are actus indifferentes in individuo; whether the external act increases the morality of the internal. Fountains of morality—object, circumstances, end. Obligation of referring our acts to God.

Conscience. Nature; divisions—right and erroneous, certain and doubtful, scrupulous and lax.

Probability. Its nature; species—intrinsic, extrinsic, speculative, practical, etc. Systems regarding probability—absolute and mitigated tutorism, probabillorism, equiprobabilism, probabilism.

Laws

Nature. Notion, essence.

Kinds. Natural and positive; Divine and Human; Ecclesiastical and civil; penal; irritant. Divine Positive law in the Old and New Dispensation. Author of the law; Ecclesiastical legislators: Roman Pontiff, Councils: General, Plenary, Provincial, Diocesan Synod.

Obligation. Obligation of the law sub gravi, sub levi; how far the quality of the obligation depends on the intention of the legislator and the matter of the law. Promulgation necessary for obligation; mode of promulgation for Papal and Ecclesiastical laws. Promulgation of the Natural law; can there be invincible ignorance of its precepts. Subjects of the Natural Law, Ecclesiastical, Civil. Requisites for the fulfillment of an affirmative law, of a negative law. Causes excusing from the obligation of a law; exempting or impeding, directly, indirectly; proximately, remotely. Conditions requisite for the placing of an exempting or an impeding cause. Interpretation of a law; species; rules for doctrinal interpretation.

Dispensation. Nature; species. Who can dispense in Divine or Ecclesiastical laws. Cessation of dispensation by cessation of cause, by revocation, by renunciation. Cessation of laws by abrogation, by cessation of adequate motive cause, by desuetude.

Custom. Kinds. Conditions for the establishment of a legitimate custom. Its force.

Sins

Kinds. The distinction between mortal and venial sins; conditions required. Rules for Numeric and Specific distinction. Interior sins. Capital sins.

Part II.—General Duties

Virtues. Theological: Faith, necessity and material object. Opposing sins. Hope; opposite vices. Charity, material object, primary and secondary. Love of God; when the precept urges. Love of neighbor in general; of enemies. Precept of almsgiving, of fraternal correction. Sins opposed to the love of neighbor, scandal, co-operation.

Precepts of the Decalogue

First Commandment. Acts of the virtue of religion: adoration, prayer. Vices opposed to religion: superstition, idolatry, vain observance, divination, spiritism, magic. Hypnotism; when forbidden. Sacrilege, Simony.

Second Commandment. Blasphemy; oath, its conditions; vow, its obligation, irritation, dispensation, commutation.

Third Commandment. What prescribed for Sundays and Holy Days; what forbidden. Obligation of hearing Mass. Abstinence from servile works.

Fourth Commandment. Obligation of children and parents; of employers and employees, etc.

Fifth Commandment. Homicide, abortion, duelling, war.

Sixth and Ninth Commandments. Sins, exterior and interior; sins consummated and non-consummated.

Seventh and Tenth Commandments. **Justice.** Nature of justice. Dominion; its object, subject, acquisition. Theft; occult compensation. Restitution. Unjust co-operation. Circumstances of restitution, how much, to whom, its order, etc.; reasons which excuse from restitution.

Contracts. Requisites; obligation of contracts. Species: unilateral, bilateral. Promise; donation. Testament, nature and species; obligations of testator, heir, executor, Contract of loan; interest, how far permitted or forbidden. Buying and selling; just price, how determined. Sale by

auction. Monopoly, brokerage, partnership, letting and hiring, strikes. Subsidiary Contracts—bond, pawn, mortgage. Insurance; wager and gaming.

Eighth Commandment. Lying, equivocation; detraction, calumny, rash judgment. Violation of secret, natural, promised, committed.

Precepts of the Church

Attendance at the Holy Sacrifice of the Mass.

Abstinence, fast; causes excusing from.

Annual Confession and Paschal Communion.

Particular Obligations

Duties of judges, advocates, witnesses, physicians. Obligations of clerics, positive—Sanctity, celibacy Recitation of the Divine office. Negative obligations of clerics. Obligations of Bishops, Parish Priests, Religious. Nature of the religious state—vocation. Vows of Religious.

Course II.—Christian Aids

Five lectures a week. Seminar, one hour a week. Two Semesters.

Sacraments in General. Nature, division, effects, matter and form of. Minister, attention and intention, obligation of dispensing, or refusing. Subject. Valid and licit reception, reviviscence. Sacramentals, effects and mode of operation.

Sacraments in Particular

Baptism. Matter, remote and proximate; form; ordinary and extraordinary Minister. Subject—infants, adults, converts from sects. Sponsors; valid, licit sponsorship. Ceremonies in the administration of Baptism and obligation of observance.

Confirmation. Matter and form, Minister, subject, age of admission.

Holy Eucharist. Nature and efficacy; matter and form. Minister, obligation and mode of administering. Subject; obligation of receiving, dispositions of the soul and body—prescribed fast. Frequent Communion; regulating principles. Mass, nature and application of; obligation of celebrating; time and place of celebration; requisites, rubrics.

Penance. Matter, remote and proximate; form, essential, rubrical; Subject. Contrition and species of; sorrow and its qualities; purpose and condition of. Confession, its necessity, integrity of. Satisfaction, obligation of imposing and fulfilling. Minister. Approbation and jurisdiction. Reserved cases, nature of and absolution from. Office of Confessor, general obligations—to special classes, penitents in the proximate occasion of mortal sin, habitual, relapsing sinners. Seal of Confession, its matter and strict obligation.

Indulgences. What they are,—are not. Plenary, partial. Conditions for each. Apostolic Indulgences. Indulgences of Scapulars, Way of the Cross. Privileged Altar. *Benedictio in articulo mortis* treated in detail.

Extreme Unction. Nature and effects; matter, remote and proximate; form. Minister, his grave obligation of conferring. Subject. Repeated reception in the same sickness, how far lawful or valid.

Holy Orders. Nature and division; matter, remote and proximate; form. Minister. Subjects; requisites for.

Matrimony. Promise of marriage, nature, obligation and effects of such promise. Banns, reasons for, dispensation from. Nature of marriage, conditional marriage, when valid, invalid. Consent of parents, how far required for licit contract. Properties of marriage, unity and indissolubility.

Matter and form. Minister and subject. Nuptial benediction. Impediments of marriage. Prohibitory; their names; dispensation from them. Diriment; how far doubt or invincible ignorance of them would prevent invalidity of contract. Particular diriment impediments. Error and

Condition; Solemn Vows; Holy Orders; Relationship, natural, spiritual and by adoption; Affinity; Public Propriety; Adultery and Murder; Difference of religion; Fear; Prior Marriage; Clandestinity; Impotence; Abduction. Dispensation from diriment impediments, when possible, when impossible; power, causes and mode of dispensation. Revalidation of marriage by dispensation, simple or in radice. Conjugal obligations, violations thereof.

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SECTION II.—CANON LAW

Course I.—Ecclesiastical Persons. Clerics, Religious, The Laity. (First and Second Books of the Code of Canon Law.)

Disciplinary Laws. (Fifth Book of the Code of Canon Law.)

Two lectures a week. Two Semesters.

Introduction to Canon Law. Divisions and Sources. History of Development. Customs, Rescripts, Privileges, Dispensations.

Clerical State. Rights and Obligations of Clerics. Incardination. Appointments and Selection to Ecclesiastical Offices.

General Government. The Supreme Pontiff. General Councils. Cardinals, The Roman Court; Congregations, Tribunals, Offices. Legates, Patriarchs, Primates, Metropolitans. National and Provincial Councils. Vicars, Prefects and Administrators Apostolic. Prelates of Lower Rank.

Episcopal Jurisdiction. Bishops, Coadjutors, Auxiliaries. Diocesan Synods. Vicars General, Chancellors and Notaries, Synodal Examiners and Consultors, Chapters and Diocesan Consultors, Vicars Capitular, Deans, Pastors and Assistant Pastors. Erection, Union and Division of Parishes. Rights, Duties, Appointment and Transfer of Parish Priests.

Religious State. Orders and Congregations. Erection and Suppression of Religious Houses and Provinces. Acquisition, Administration and Alienation of Temporalities. Admission; Conditions of Validity, Postulants, Novices. Requisite Qualifications and Training of Candidates. Profession; temporary and perpetual. Vows; simple and solemn. Studies in Clerical Orders and Congregations. Rights and Obligations. Enclosure; Papal and Episcopal. Egression; Passing to another Order, Return to Laical State, Expulsion.

The Laity. Lay Organizations in general. Third Orders Secular. Confraternities and Pious Unions. Archconfraternities and Sodalities.

Disciplinary Laws. Offenses, their nature and divisions. Interpretation, Application and Remission of Penalties. Censures; Excommunication, Interdict, Suspension. Penal Remedies. Offenses against the Faith and Unity of the Church. Against Religion, Authorities, Persons and Things Ecclesiastical. Against Life, Liberty and Property. Offenses in the administration and reception of the Sacraments. Against the Obligations proper to the Clerical or Religious State. Offenses in the Appointment to and Reception of Ecclesiastical Offices and Dignities. Abuse of Authority.

Course II.—Ecclesiastical Things. (Third Book of the Code of Canon Law.)

Ecclesiastical Procedure. (Fourth Book of the Code of Canon Law.)

Two lectures a week. Two Semesters.

The Sacraments. Baptism, Confirmation, Holy Eucharist, Penance, Extreme Unction, Holy Orders. Minister, Subject, Rites and Ceremonies, Time and Place. Patrons, when required, their qualifications and obligations. Registration of Baptized, Confirmed and Ordained. Reservations. Indulgences; Plenary and Partial, Concession and Requirements for Obtaining. Requisite Qualifications for Ordination. Irregularities and Impediments. Dispensations.

Matrimony, Nature and Purpose. Requirements for Validity. Publication. Impediments; Prohibitory and Diriment. Consent, and the Matrimonial Contract. Separation. Convalidation.

Sacramentals. Competence of Ministers. Consecrations, Benedictions, Exorcisms.

Sacred Places and Times. Churches, Oratories, Altars. Ecclesiastical Sepulture. Cemeteries. Feast Days. Fast and Abstinence.

Worship and Devotion. Custody and Worship of the Blessed Eucharist. Devotion to the Saints. Images and Relics. Processions. Sanctuary Equipment.

Religious Instruction. Sermons, Lectures, Catechetical Instruction, Missions. Seminaries and Schools. Censorship and Publication of Books and Periodicals. Profession of Faith.

Ecclesiastical Benefices and Non-Collegiate Institutions. Erection, Union, Translation, Division, Conversion and Suppression of Benefices. Collation. Right of Patronage. Rights and Obligations of Beneficiaries. Hospitals, Orphan Asylums, other and similar Charitable Institutions.

Ecclesiastical Property. Acquisition, Administration, Alienation, Contracts, Foundations.

Ecclesiastical Procedure. Tribunals of the First Instance. Judges, Auditors, Notaries, Promoters, Defenders. Tribunals of Original and Appellate Jurisdiction. The Rota and Signatura. Parties Litigant. Actions, Exceptions and Petitions. Introduction of Causes. Methods of Procedure. Matrimonial Causes: The Competent Forum. Constitution of Tribunals. Evidence. Witnesses. Causes relative to Ordination. Causes of Beatification: Testimony, Documents, Perquisition, Informative Process. Revision, Discussion, Judgment. Canonization Procedure in removal and transfer of Pastors. Application of Penal Sanctions.

SECTION III.—SACRED LITURGY.

One lecture a week.

The rites and ceremonies of the Catholic Church form part of the curriculum of the Divinity School during the third year of the course. Practical instructions are given on the manner of celebrating the Holy Sacrifice of the Mass; on the administration of the Sacraments, and on the recitation of the Divine Office, on decorum and exactitude in the external worship of God.

TEXT-BOOKS. The Cereemonial of the Council of Baltimore; the Compendium Sacrae Liturgiae of Wapelhorst.

Department III.—Biblical Science

SECTION I.—SACRED SCRIPTURE

Old Testament

Five lectures a week. Two Semesters.

I. History of Revelation and of Old Testament Times.

II. Biblical Archæology:

a). The Tabernacle and the Temple. The Worship. The Calendar. The Sabbath and Principal Feasts.

b). The Government. The Family. Agriculture. Arts and Commerce.

III. Exegesis. Special introduction to and commentary on one or more of the following books:

a). The Prophets and Messianic Prophecies.

b). The Psalms and Sapiential Books.

c). The Historical Books.

New Testament

Five lectures a week. Two Semesters.

a). **History of New Testament Times.**

Political History of Palestine. The Jewish Commonwealth under Roman Rule. Religious parties. The Scribes. Jewish life and customs. The Jews and the Gentiles. Messianic hopes. Apocryphal literature. Chronology of New Testament times.

b). **Exegesis.** Special introduction to and commentary on one or more of the following books:

Course I. The Gospels and the Acts of the Apostles.

Course II. The Epistles of St. Paul.

Course III. The Catholic Epistles.

SECTION II.—HEBREW

First Year. Two hours a week. Hebrew Grammar with suitable readings and translation of English into Hebrew.

Second Year. One hour a week. Translation of selected passages with special reference to the syntax.

Department IV.—Ecclesiastical History

**Course I.—The Church of Antiquity and of the Middle Ages.
(1—1307 A. D.)**

Two lectures a week. Two Semesters.

Introduction. The Condition of the Jewish and Gentile World During the Last Century Before Christ.

From 1-313 A.D. The Church of Antiquity. Foundation of the Church. The Vocation of the Gentiles. The Church of Rome. The Primacy. The Spread of Christianity during the First Three Centuries. The Era of Persecutions.

The Hierarchy of the Early Church. The Earliest Heresies. Worship, Sacraments and Private Devotions of the Faithful.

From 313-c700. The Church of the Fathers. The Decline of Paganism and the Spread of Christianity during the Migration of Nations. The Church and the Emperors.

The Great Heresies and Schisms. The Hierarchy. Councils, General and Particular. Religious and Social Life of the Period.

From c700-1073. The Church of the Early Middle Ages. The Conversion of Central and Northern Europe. Moham-
medanism. Formation of the Papal States. The Papacy and the Empire.

The Phocian Schism. Religious and Social Life of the Period. Monasticism. Ecclesiastical Literature.

From 1073-1307. The Ages of Faith. Gregory VII. and the Affair of Investitures. The Crusades. The Papacy and the Empire. Innocent III and his Time. The 13th Century.

Internal Development. Monks, Friars and Orders of Knighthood. Mediaeval Sects. Religious and Social Life of the Laity. Mediaeval Art, especially Romanesque and Gothic Architecture. Ecclesiastical Studies. Scholasticism and the Mediaeval Universities.

Course II.—The Church During the Renaissance and Modern Times.

Two lectures a week. Two Semesters.

From 1307-1517. The Renaissance. The Papal Exile at Avignon. The Great Schism of the West. The Pseudo-Conciliar Movement. The Council of Constance. The Popes of the Renaissance.

The Religious and Moral Life of the Period. The Fore-runners of the Reformation. Wycliffe and Huss. The Spanish Inquisition. Ecclesiastical Science and Literature. The Renaissance of Letters and of Art.

From 1517-1618. The Religious Revolt of the XVIth Century. Causes of the Reformation. Luther, Calvin and Zwingli. The Reformation in the North and the East of Europe. Calvinism in France, Scotland and the Netherlands. Henry VIII and Elizabeth.

The Counter-Reformation. The Council of Trent and its Reforms. The Papacy. Loyola and the Jesuits. Saints and Missionaries. The Great Modern Theologians. New Orders and Congregations. Literature and Art.

From 1618-1789. The Age of Political Absolutism and Religious Disunion. Protestant Sects. Gallicanism and Josephinism. The Penal Laws in England and Ireland. The Suppression of the Society of Jesus.

Catholic Missions During the XVIIth and XVIIIth Centuries. The Americas. The Reductions of Paraguay. Canada and Colonial America. The Decline of Theological Studies. Jansenism.

From 1789-1870. The Nineteenth Century. The French Revolution. Napoleon and the Church. The Civil Constitution and the Concordat. The Congress of Vienna. The Revolutions of 1830 and 1848. Piedmont and the Loss of the Papal States. The Church in America, especially in the United States.

The Second Spring. Catholic Emancipation. The Oxford Movement. The Catholic Revival in France and Germany. The New Scholasticism. New Orders and Congregations. Catholic Missions. Sacred Art. The Council of the Vatican.

Christian Archeology

(Illustrated)

Introduction. Object of this Course. Concept, Division and Scope of Christian Archeology.

The Catacombs

I. History and Structure of the Catacombs.

1. Origin, Purpose, Use, Decay and Rediscovery.
2. Structure, Location, Extent, Arrangement.

II. The Art of the Catacombs. The Views of the Early Church on Art. Symbolism and Allegory. The Use of Pagan Forms.

1. Architecture and Sculpture. Cubicula and Crypts, esp. The Papal Crypt. Subterranean Basilicas. The Statues of Hippolytus and The Good Shepherd. Sarcophagi.

2. Painting. Character, Contents, Technique. Periods of Cemetery Painting.

Christian Epigraphy

I. General Characteristics of the Inscriptions of the Catacombs.

1. Pagan and Christian Forms. Language and Style.
2. The Dating of Inscriptions.
3. Content and Great Apologetic Value.

II. Various Classes of Inscriptions.

1. Doctrinal, and Hieratic Inscriptions.
2. Historic Inscriptions. Inscriptions Descriptive of the Life and Manners of the Early Christians.

The Art of the Patristic Age.

I. Early Christian Architecture. Prominence of Architecture.

1. The Basilica. Its Original Form and Later Development.

2. The Circular Style. Baptisteries and Rotundas, e.g. The Lateran Baptistry.

3. The Byzantine Style. Its Origin, Characteristics and Spread. The Hagia Sophia at Constantinople.

II. Painting and Sculpture. Views of the Fathers on Art.

1. Sculpture. Sarcophagi. Diptychs, Bookcovers, etc.

2. Painting. Frescoes and Mosaics. Origin and Extraordinary Development of Mosaic Art. Byzantine Mosaics. Ravenna and Rome.

Patrology

Introduction. Concept, Scope and History of Patrology. Definition of Terms: Patrology, Patristics, History of Dogmas, Early Christian Literature, Father of the Church, Ecclesiastical Writer, Doctor of the Church.

Ante-Nicene Fathers. Views of the Early Christians on Literary Activity. General Characteristics of Early Christian Literature.

I. The Apostolic Fathers, before 150 A. D. "The Apostles' Creed." 'The Didache.' The So-called Epistle of Barnabas. The Letters of Clement of Rome, Ignatius of Antioch, and Polycarp. Papias. Hermas. Diognetus.

II. The Apologists of the Second Century. Quadratus. Aristides. Justin the Martyr. Tatian. Athenagoras. Hermias. Minucius Felix, etc. Irenaeus of Lyons.

III. The Third Century. The Beginnings of Theology.

1. The Alexandrians. Clemens. Origen. Dionysius. Lucian, etc.

2. The Africans. Tertullian. Cyprian. Lactantius, etc.

3. The Romans. Hippolytus the Philosopher. The Muratorian Fragment.

The Patristic Age. The Phenomenal Development of the Theological Literature of this Period. Causes. Various Forms. General Characteristics.

I. The Fathers of the East or the Greek Fathers. Eusebius Pamphili. Athanasius. Basil the Great. Gregory of Nazianzus. Theodore of Mopsuestia. Didymus. John Chrysostom. Cyril of Alexandria. Theodoretus. Ephrem. John Damascene, etc. The Pseudo-Areopagite, or The Question of the Authenticity of the Writings of "Denis the Areopagite."

II. The Fathers of the West or the Latin Fathers. Hilary of Poitiers. Ambrose of Milan. Prudentius. Rufinus and Jerome. Augustine of Hippo. John Cassian. Fulgentius. Boethius and Cassiodorus. Venantius Fortunatus, Gregory the Great, etc.

Conclusion. The Decline of Patristic Literature.

History of Dogmas

Two years course. Two periods a week.

Course I. Development of Dogmas During the Patristic Period, 100-869.

First Semester. Teaching of the Apostolic Fathers, of the Apologists, of the Antignostics. Formation of Greek and Latin Theology. Baptismal Controversy. Question of Penance. Arianism and the Council of Nicaea. Semi-Arian Controversy. Apollinarianism. The Macedonian Heresy. The Second General Council. Dogmatic Development during the fourth century. Pelagianism and Semi-Pelagianism. The Doctrine of Grace and Original Sin.

Second Semester. The Nestorian Heresy. The Third General Council. Eutychianism. The Fourth General Council. The Three Chapters. The Fifth General Council. The Monothelite Heresy. The Sixth General Council. Fifth-century Christology. General Theology. Veneration of Saints. Mariology. Eschatology. Veneration of Images. The Seventh General Council. The Filioque Clause. Spanish Adoptionism. The Photian Schism. The Eighth General Council.

Course II. Development of Dogmas During the Scholastic and Post-Tridentine Periods.

First Semester. Formation of Scholasticism. Method and System. Representative Scholastics. Their Teaching—On God: His Existence, His Essence, His Attributes. The Blessed Trinity. Creation. Angelology. Anthropology. Original Justice. Original Sin.

Second Semester. Christology. Soteriology. The Church. Grace. Justification. Predestination. The Sacraments. Mariology. Veneration of Saints. Eschatology. Mediaeval Heresies and Councils. The Reformation and the Council of Trent. Post-Tridentine Theology. School Differences. Later Heresies and Papal Decisions. The Vatican Council.

Text-Book. Manual of the History of Dogmas. B. J. Otten, S. J.

Department V.

SECTION I.—SACRED ELOQUENCE

The students of the Divinity School give serious and continued attention to the theory and practice of pulpit oratory. During the course of the year each student is required to elaborate a sermon on some given text, and, after it has been submitted for approval, to deliver it before his professors and fellow-students. In addition to this weekly gatherings are held, presided over by one of the professors, where, in turn, the students deliver choice selections from the great pulpit orators, or original developments of Scripture texts. The speakers are then criticised by their fellow-students and the professor concludes the exercise by a general summing up of the criticism offered.

SECTION II.—ECCLESIASTICAL MUSIC

Plain Chant

Third Year. Second Term. One hour a week.

Elements and characteristics of modern musical theory. Introduction to the theory and practice of Gregorian chant. Voice culture. Sight reading.

This course is mainly practical. Its object is to give facility in reading and properly rendering the liturgical chant occurring in the service of the Catholic Church.

TEXT-BOOK: New School of Gregorian Chant—Johner.

The University Choir

A choir of about twenty-four voices, from the Theological and Philosophical Departments, takes charge regularly of the singing at all solemn services in the University chapel. At the Holy Week services in the church and on special occasions the choir is assisted by from thirty to forty additional voices.

School of Philosophy
and Science

School of Philosophy and Science

Officers

REV. BERNARD J. OTTING, S. J.,
President of the University.

REV. FRANCIS J. O' BOYLE, S. J.,
Dean.

REV. JAMES I. SHANNON, S. J.,
Vice-Dean.

Introductory Statement

The courses of the School of Philosophy and Science extend over three years, and are divided into: I. The Department of Rational Philosophy and Ethics; II. The Department of Science.

Department of Philosophy and Ethics

The subjects of this department have ever been regarded as the crown of systematic education, Philosophy giving and demanding the highest mental culture, and Ethics furnishing the rational basis of moral conduct. A brief examination of the following outline will show that the purpose of these courses is definite and positive, not solely the study of the history of philosophy and the vagaries of human thought without solid inquiry into the truth or error of the divergent philosophical opinions or theories. The history of philosophical schools and their adherents is adequately considered, but is rated as of secondary importance. The primary object is to sift the truth from error in all opinions and from the knowledge thus acquired to build a consistent system of principles of thought and action.

The strict scholastic method, as perfected by St. Thomas and the schoolmen, is followed. In orderly sequence the various opinions on any subject are examined, the false and the true are discriminated, the error and its source are laid bare, the arguments for the false opinions are refuted, the truth is expounded and established. This work is supplemented by the scholastic exercise known as the "Circle." A "Defender" proposes a thesis which has been established in the manner described, gives an exposition of its meaning, describes the contrary opinions, proves his own proposition

by argument, and then defends his thesis against "Objectors" who urge the difficulties of dissentient philosophic schools. At regular intervals there are public disputations as an incentive to thoroughness and an aid to the acquisition of self-reliance.

Department of Science

Realizing the importance of science and mathematics in a liberal education, the University requires its students of Philosophy to pursue courses in mechanics, physics, chemistry, biology, geology, astronomy and higher mathematics, as indicated below. Every facility is offered for thorough laboratory work.

Outline of Courses

Department I.—Philosophy and Ethics

SECTION I.—RATIONAL PHILOSOPHY

First Year

Logic and Ontology

Ten lectures a week. Seminar, two hours a week.

Minor Logic

Definition and division of Philosophy. The province of formal and material logic. Three acts of the mind.

Simple Apprehension. Classification of ideas. Subordination of genera. The heads of predicables. Classification and use of terms. Definition. Nominal definition. Real definition. Rules for definition. Division.

Judgment. Propositions: their nature and division. Opposition, conversion and equivalence of propositions.

Reasoning. Syllogism and its laws. Figures and modes of the syllogism. Various kinds of syllogisms. Nature and kinds of demonstration. Example and analogy. Analysis and synthesis. Fallacies. Science.

Major Logic

Truth. Definition of truth. Truth completely possessed in the judgment only. Logical falsity. Ideas never false. Judgments may be false.

Certitude. Nature of certitude in general. Ignorance, doubt, suspicion, opinion, probability. Metaphysical, phy-

sical and moral certitude. Natural and philosophic certitude. Universal skepticism. Methodic doubt. The primary principle, fact and condition of all knowledge.

Sources of Certain Cognition. Consciousness. The senses. Ideas. Objectivity of ideas. Criticism of Kant's synthetic "a priori" judgments. Intellect. Reason. Memory. Human testimony and belief. Historical criticism. Auxiliary sciences of history. Processes of indirect research. Textual criticism.

Universals. Nominalism. Conceptualism. Ultra-Realism. True doctrine on universals, as explained by St. Thomas.

Criterion of Truth. Blind impulse to believe. Sentimentalism. Traditionalism. Objective evidence.

Ontology

Being. The concept of being. Being neither a generic nor a universal notion. Analogousness of being. Essence and existence. Possibility, internal and external. The possible precedes the actual. Internal possibility depends, not on God's will or on His omnipotence, but on His essence and intelligence.

Attributes of Being. Unity. Individuality, identical with concrete nature. Identity and distinction. Truth of being. Goodness of being. How and why every being is good. Evil in being a privation.

Notions next in point of generality to Transcendental Being. Substance. The reality of substance defined. False definitions of Locke, Spinoza, and Leibnitz. Accident, absolute and modal. Accidents really distinct from their substance. Accidents existing without substance. Substance as hypostasis and personality. Wrong and dangerous doctrine of Locke in regard to personality. Relation. Causality. Kinds of causality. Principle of causality.

The Perfection of Being. Simple and compound being. Necessary and contingent being. Finite and infinite being. Order and beauty.

Second Year

Cosmology and Psychology

Cosmology

Four lectures a week. Seminar, one hour a week.

Origin of the World. Pantheistic Theories; Materialistic Views; Possibility of Creation; Fact of the World's Creation in Time.

Laws of Nature. Reality of Activity in Inorganic Bodies. Design in Nature. Intrinsic Final Tendencies of Natural Bodies. Contingency of Physical Laws. Nature, Possibility and Cognoscibility of Miracles.

Theory of Matter and Form. Atomism, Dynamism, Substantial Changes; Matter and Form. Nature and Properties of Primal Matter and of Substantial Form. The Compound.

Nature and Properties of Inorganic Bodies. Quantity, Continuity, Formal Effect of Quantity. Space and Place. Time, Eternity, Eternity. Sensible Qualities of Corporeal Substances.

Existence of Bodies in Space. Reality of Existence of Bodies in Space; Circumscriptive, Definitive and Mixed Existence of Bodies in Space; Compenetration and Replication.

Psychology

Six lectures a week. Seminar, one hour a week.

The Problem of Life in General. Characteristics of living and non-living matter. Mechanical theories of life. Vitalism, Neo-Vitalism. The scholastic doctrine.

The Structure and Functions of the Nervous System of Man. The General Arrangement of the nervous system. Nerves. The peripheral end-organs. The spinal cord. The brain.

The Reflex Mechanism and Its Bearing on Psychological Problems. The facts of reflex action. Their purposive character and the so-called objective criterion of mind. Reflexes and voluntary actions, sensori-motor and ideomotor actions, expressive movements, instinctive and impulsive actions. The physical basis of habit. The automaton theory. The principle of conservation of energy and mental control over bodily actions.

The Localization of Functions in the Brain. History of the problem. Modern methods and results. Motor and sensory areas. The so-called "silent areas." Speech centers. The various forms of aphasia. Acquired functions. The process of learning. Problems of child-psychology.

Sleep and Dreams. History of the problem. Various theories of sleep; its physiological and psychological significance. Experimental investigation of dreams.

Hypnotism. The facts and the various theories. The so-called hypnosis of animals.

Nature and Kinds of Sensations. Classification of the senses. External and internal senses. Mueller's, Weber's and Fechner's laws. Experimental investigation of association and memory. The Associanist school. Experimental investigation of the various sensations. Space perception and modern theories on the subject. The scholastic doctrine concerning sensation.

Emotions. Experimental investigations and the scholastic doctrine.

Intellectual Life. Theories of psychic elements in the light of the psychological experiment. Methods of investigation. The work of the Wurzburg school. Essential distinction between intellect and sense. The scholastic doc-

trine in the light of physiological and experimental data. Sensationalists, Associanists, Materialists, Monists, Psycho-physical Parallelists, Positivists, Empiricists, Evolutionists. Brutes have no reasoning power.

The Three Elements of Intellectual Life. Simple apprehension, judgment, and reasoning. The objects, primary and secondary, of the intellect.

The Origin of Ideas. Theory of innate ideas; Plato, Descartes, Leibnitz, Rosmini, Cousin, Fichte, Hegel, Schelling, Kant. Ontologism; Malebranche, Gioberti, Ubaghs. Traditionalism; De Bonald, Bonnetti, Ventura. The scholastic Aristotelian doctrine. The process of abstraction; the scholastic doctrine in the light of modern investigations.

Judgment and Reasoning. The scholastic doctrine. Experimental analysis of the judicial process; assent and consent. Analysis of Ratiocination. Deduction and Induction. Implicit reasoning.

The Will. Its essential difference from the sensitive appetite. The object of the will. Motives. Deliberation. Necessary and free acts.

The Nature of Free Will. The conditions of free choice. The experimental evidence. Moral aspect of free will. Free Will, the necessary complement of man's rational nature. The various forms of Determinism. The impediments of free choice. The perversions of the will; crime and insanity.

The Human Soul. The substantiality of the soul and the so-called "actuality theory." The stream of consciousness. The perception of abiding identity of the Ego. The simplicity of the soul and the recent advances in nerve-physiology. The spirituality of the human soul. The argument from the perception of abstracts and universals. Modern nominalism. The argument from perfect psychological reflection. The argument from free will.

Union of Soul and Body. Aristotelico-Scholastic doctrine. Descartes' doctrine on the seat of the soul. Doctrine

of Plato, Malebranche, Locke, Rosmini, etc. Modern theories of "interaction" and "psycho-physical parallelism."

Origin of the Human Soul. Traducianism. The scholastic doctrine.

Immortality of the Human Soul. The natural immortality of the human soul proved from its spirituality. Its actual immortality. Ethical and teleological arguments. The universal belief of mankind and its value as an argument.

Natural Theology and Special Lectures

Natural Theology

Four lectures a week. Seminar, two hours a week.

The Existence of God. Views of the Monotheistic Philosophers on the natural foundation of a reasonable belief in God. Refutation of so-called Ontological arguments. St. Anselm's argument.

Proofs of the existence of an Intelligent First Cause or Personal God. The metaphysical, physical and moral *a posteriori* arguments.

The Essence of God. His Attributes: Infinity, Unicity, Simplicity, Immutability, Eternity, Invisibility, Incomprehensibility.

Cognition of God. Its objects, primary and secondary. His cognition of the Possibles of necessary and free future acts; of the Futuribles.

The Will of God. Its objects, primary and secondary. Necessary and free objects. His Will, the Principle of Creation. The Creative Power can in no sense be shared by Creatures.

Divine Preservation and Concurrence. Divine Providence and its relation to existing evil. Scholastic differences as to the manner in which God concurs with creatures.

Special Lectures

A more thorough study of questions selected from the different parts of Philosophy and of special importance because of their connection with both Moral and Dogmatic Theology.

Historical Courses

History of Philosophy

Two hours a week. Two Semesters.

The logical, metaphysical and ethical problems discussed in the three-year course of Scholastic Philosophy are studied in their historical setting. Special stress is laid on an historical appreciation of *modern* philosophical thought, in particular of *Neo-Scholasticism* and *Neo-Kantism*.

History of Christian Art.

(Illustrated)

One hour a week during the second semester.

The scope of this course is to show the development of art under the influence of Christian principles. It confines itself to architecture, painting and sculpture, and comprises the following topics:

Architecture. The Basilica and Rotunda. The Byzantine Style. The Romanesque Style, called Lombard in Northern Italy and Norman in England and Normandy. The Gothic Style, especially in France, England, Germany and Spain. The Renaissance, Baroque and Classic Styles. Church Architecture of the Nineteenth Century.

Painting. Early Christian Painting, Frescoes, Mosaics and Miniatures. Irish Illumination. Painting during the Romanesque and Gothic Periods. Stained Glass and Easel-Pictures. The Italian Renaissance; the Trecento and Quattrocento. The Schools of Tuscany, Umbria and the North. The High Renaissance: da Vinci, Michelangelo, Raphael. The Renaissance beyond the Alps. The Decline of Painting. The Italian, Flemish, Dutch and Spanish Schools of the XVIIth and XVIIIth Centuries. The Revival of Sacred Art in the XIXth Century. The Nazarenes and Pre-Raphaelites.

Sculpture. Early Christian Sculpture: Sarcophagi. Ivories, Statues. The Byzantine Influence. Early Mediaeval Reliefs and Carvings. The Plastic Work of the Romanesque Period. Gothic Statuary and Foliage. Nicolo Pisano and the Revival of Sculpture. The Renaissance: Ghiberti, Donatello, della Robbia, Verrocchio, Michelangelo. Sculpture during the XVth and XVIth Centuries North of the Alps. The Decline of Religious Sculpture during the XVIIIth Century and its Revival during the XIXth.

SECTION II.—ETHICS.

Four lectures a week. Seminar, two hours a week.

General Ethics

Ultimate End of Human Activity. Innate desire of happiness; its value in proving the existence and conditions of a future life. In the purely natural order the ultimate end of human life is perfect natural happiness, consisting necessarily in a relatively perfect knowledge and love of God in the life to come. Supreme purpose of the present life, to shape conduct according to the exigencies of the higher destiny towards which man is tending.

Human Activity. Man, like every other being, attains to his end by acting conformably to his specific nature. A study of human activity. Human acts voluntary. Voluntary acts, considered in their physical nature, require an act of the will guided by a knowledge of the end for which the act is performed. They are modified or nullified by ignorance and passion. Voluntary acts studied in their normal nature. What acts can be called strictly moral acts. Essence of morality. Intrinsic difference between good and evil. Rule of morality and sources from which moral good and evil are derived.

The Law of Nature. In addition to the faculty of knowing right from wrong, man understands clearly that he is obliged to do the one and to avoid the other. General notions of law. There is a law existing in the mind of God from eternity. Through creation this eternal law is promulgated in man's rational nature. Proofs of the existence of a natural law, its scope and its properties. Relation of positive law to the law of nature. Analysis of the idea of obligation.

Rights. Man by reason of his social nature needs protection in the exercise of his liberty. Rights as distinguished from physical force. There are rights granted by nature

which are valid independently of all positive legislation. The juridical order is not separate from the moral. The relation of man to the lower animals; vivisection.

Applied Ethics

Duties. Duties of man towards God. Duties of man towards himself, (a) towards his body, (b) towards his soul, (c) towards external things. Duties of men towards each other.

Right of Defense. A lie is intrinsically evil and in all cases prohibited. Man may defend his life to the extent of destroying the life of an unjust aggressor, if the proper conditions be verified. Under the law of nature every man has a right to his honor and good name; this right, however, cannot be defended by acts of external violence; consequently the duel is prohibited by the law of nature.

The Right of Property. Various forms of socialism. Socialism not a remedy for existing social and economic difficulties. The right of acquiring and holding private possessions is a natural one.

Social Ethics

Domestic Society. Man by nature a social being. This social tendency develops first in domestic society. The nature and necessity, the end, obligation, unity, indissolubility of matrimony. Duties of parents and children in the family. The social instinct in man further develops itself in civil society.

Civil Society. Origin and efficient cause. Origin of authority. End of civil society; false opinions. Rights and duties belonging to civil authority; its supervision over morality, over religion in the natural order. Relation between Church and State. Right of the State in the matter of education. Education a parental right primarily. Relation of public authority to economic and social questions.

Various ways by which political power may be transmitted; heredity, election, victory, prescription.

Forms of Government. Their division, advantages and defects. That form best which seems most adapted to the character of the governed.

Functions of Authority. Legislative power, its necessity and scope. Executive power. Its duties in foreign representation; in procuring peace and security at home; in advancing morality, the arts and sciences.

Judiciary Power. Its necessity; its rights in civil and criminal cases. Capital punishment.

International Relations. Treaties. War.

Pedagogy

One hour a week the first Semester.

The scope of this class is the work of education, considered both theoretically and practically. An analytic study of the mental, moral (including religious) and physical elements of education is made, special stress being laid upon the all-important work of forming the character of the student.

Due importance is attached to the bearing of philosophy, in general, and of ethics, in particular, upon sound pedagogics.

The ample treatment given the intellectual element of education in the Normal Department of the University is presupposed in this course.

Course in Languages

Three hours a week during both Semesters.

This course is supplementary to the study of the classics as pursued in the Normal Department of the University. It supposes, therefore, a knowledge of Latin and Greek Grammar, and aims at a more intimate acquaintance with the philosophical and historical works of antiquity. The

reading of prose is varied, however, occasionally by the study of some poetical work, for instance, of Horace or Plautus, Sophocles or Aeschylus. Special stress is laid on the study and practice of style. The course concludes with a conspectus of Latin and Greek Literature.

Hebrew

See page 210.

Post-Graduate Elocution

One hour a week.

The class supposes a training in the elementary exercises of voice culture and expression, and aims at the practical application of these exercises to the selections studied. Emphasis and modulation of voice and naturalness in delivery receive special attention. The different interpretations which may be admitted are considered.

Department II.—Mathematics and Science

SECTION I.—MATHEMATICS

Courses I, II, III, VII, VIII, IX. See page 264.

Course IV. A brief review of ALGEBRA, GEOMETRY and TRIGONOMETRY. Three hours a week: two terms.

Course V. ANALYTIC GEOMETRY. A brief course. Three hours a week: one term.

Course VI. DIFFERENTIAL and INTEGRAL CALCULUS: introductory. Three hours a week: one term.

SECTION II.—SCIENCE

Physics

Courses I, II, III, V, VI, VII, VIII. See page 266.

Course IV. A course in COLLEGE PHYSICS, primarily for students of Philosophy who wish to review Physics as a preparation for advanced work. Weekly demonstrations and occasional public lectures by the students serve as a preliminary preparation for teaching Physics. Lectures, five hours a week; laboratory, two hours a week: two terms.

Chemistry

Courses I, II, VI, VII, VIII, IX. See page 265.

Courses III and IV. GENERAL CHEMISTRY: Primarily for students of Philosophy preparing for advanced work in chemistry. Lectures, three hours a week; laboratory, three hours a week. In the lectures descriptive inorganic and organic chemistry are presented, together with a thorough discussion of the fundamental principles of the science and their application. The laboratory work consists of experiments and preparations of such a nature as to give the student an experimental knowledge of the subject-matter of the lectures. Two terms. Prerequisite: Course II.

Course V. QUALITATIVE ANALYSIS: Introductory: Five hours a week: one term. Elective. Prerequisite: Course I or III.

Geology

A general survey of the science. Two hours a week: one term.

Astronomy

A descriptive course dealing with fundamental facts, principles and methods. Two hours a week: one term.

Biology

Courses I and II. See page 269.

College of Arts and Sciences

College of Arts and Sciences

Officers

REV. BERNARD J. OTTING, S. J.,
President of the University.

REV. PATRICK J. PHILLIPS, S. J.,
Dean.

REV. HENRY A. HERMANS, S. J.,
Prefect of Discipline.

REV. HERMAN MEINERS, S. J.,
Treasurer.

Introductory Statement

Scope

The purpose of St. Louis University in its Undergraduate Department is to educate in the completest sense, that is, to develop fully and harmoniously the faculties of the whole man—intellectual, moral and physical. It assumes that on this harmonious development will depend the character of the students and the measure of their future utility to themselves and to the community; and it aims to give that solid training of both mind and heart which will make for this development and will fit the student for the just interpretation and use of life.

In the **intellectual training** of its undergraduate students the institution aims at laying a solid foundation in the elements of knowledge and at opening the mind to a generous share in the culture of life. For this reason the studies are chosen each for its distinct and peculiar educational value and as a part in a complete and nicely adjusted system. The studies are so graded and classified as to be adapted to the mental growth of the student and to his orderly acquisition of knowledge.

It is one of the decided advantages of the system followed in the University that the student in the Classical, Scientific or English Course may begin his studies in the High School, and then pass on through the college course to graduation in the same institution. This secures, besides the moral influence thus gained, a uniform and homogeneous course of teaching and of training. The result of such a course of study is a continuous and normal development of the mental faculties along well defined lines, and the possession of a clear and coherent system of principles upon which any special course may afterwards safely rest.

In its **moral training** the University aims at building the conscience of its students for the right fulfillment of their civil,

social and religious duties. There is insistence on the cultivation of the Christian virtues which operate for this fulfillment; and, as the only solid basis of virtue and morality, thorough instruction in the principles of religion forms an essential part of the system. Students of any denomination are admitted to the courses, and all are required to show a respectful demeanor during the ordinary exercises of public prayer; but the Catholic students are required to attend the classes in Christian doctrine, to be present at the chapel exercises, to make an annual retreat, and to approach the sacraments at least once a month.

High Schools

The better to secure the results aimed at in its educational work, and to arrange a more perfect co-ordination between High School and Collegiate studies, the University has deemed it advisable to maintain a closely affiliated system of High Schools. Their purpose is to fit their pupils to meet the College entrance requirements by offering a programme of studies based upon those fundamental principles and methods which, in the judgment of the Faculty, underlie alike the work of the High School and the College. At present these schools number three: the Academy of St. Louis University, situated at No. 215 N. Grand avenue; Loyola Hall, Compton and Eads avenue. Catalogues, containing the Course of Studies and other information, may be had on application to the respective Head Masters.

English Commercial Course

At the request of patrons of the Institution a Commercial Course was established in the Academy of St. Louis University, situated at No. 215 N. Grand avenue. The purpose of this Course is to impart a solid general education, together with the special instruction proper to a Commercial High School. The ultimate development of the English Commercial Course has been realized in the graduate School of Commerce and Finance.

Entrance Requirements

All applicants for admission must present evidence of good moral character and, if they come from another school, a certificate of honorable dismissal.

ADMISSION BY CERTIFICATE. A certificate from the Principal of the High School in which a student has been prepared for College will be accepted instead of examinations in the subjects offered for admission, provided only it is made clear to the Dean of the Arts Department of the University that such school is not of a lower grade than the High Schools under the direct supervision of St. Louis University.

ADMISSION BY EXAMINATION. An applicant without a High School certificate will be required to pass a satisfactory examination in the required subjects for any course he intends to pursue and in such other subjects from the list of electives as he may present for entrance. The following is a general outline of matter for examination for those who would wish to enter the A. B. Course without a certificate from a standard High School:

LATIN. Authors: Caesar's Gallic War, four books; Nepos' Lives (6) may be taken in place of two books of Caesar; Cicero's Orations against Catiline, for Archias and the Manilian Law; Cicero's De Senectute and Sallust's Catiline or Jugurthine War may be taken as substitutes for three of the above orations; Virgil, four books of the Aeneid or their equivalent from the Eclogues, Georgics and Ovid's Metamorphoses.

Grammar and Composition: The examination in Grammar and Composition will require a thorough knowledge of the whole Latin grammar, together with such facility in writing Latin prose as is acquired by one who satisfactorily completes the course of exercises prescribed by St. Louis University High School. For this course see the catalogue of the Academy of St. Louis University.

GREEK. *Authors:* Xenophon's *Anabasis*, four books or their equivalent; Homer's *Iliad* or *Odyssey*, one book.

Grammar and Composition: The examination in Grammar will require a thorough knowledge of etymology of the syntax of cases, the rules of concord and prepositions, the syntax of the verb. The theme will be based on Xenophon and will test the candidate's ability to translate into Greek simple sentences, with special reference to the use of forms, particularly of the irregular verbs and the common rules of syntax.

ENGLISH. *Texts Prescribed for Reading and Study:* Two plays of Shakespeare, Burke's *Conciliation with the Colonies* or *American Taxation*; Irving's *Sketch Book*; one essay of Macaulay; Scott's *Lady of the Lake*; Goldsmith's *Deserted Village*; Tennyson's *The Passing of Arthur*; Lowell's *Vision of Sir Launfal*; Coleridge's *Ancient Mariner*.

The applicant should make himself familiar with the characters, the plot, incidents and characteristic diction of each work. Equivalents will be accepted.

Rhetoric and Composition: The applicant will be examined on the principles of rhetoric as set forth in Thorndike's *Elements of Rhetoric*, or in a work of equal standing. The composition will test the candidate's ability to write clear, idiomatic English. The subject will be taken from his experience and observation, or from the books he presents for examination. The spelling and punctuation must be correct, the sentences well constructed. The writer must show some discrimination in the choice of words and ability to construct well-ordered paragraphs.

MATHEMATICS. Algebra to Indeterminate Equations (included). Plane Geometry.

HISTORY. Greek and Roman History to the Fifth Century A. D.; History of the United States; Modern History; Migrations of Nations to Renaissance.

CIVICS. Garner's Government in United States.

PHYSICS. Author: Millikan and Gale's First Course in Physics or an equivalent. Familiarity with the more elementary principles of mechanics, heat, sound, light, electricity, and magnetism, will be expected. Laboratory work should show proficiency in making exact measurements, care in making and recording observations, and accuracy in calculation. No credit will be given for laboratory work unless the original note book of the student be presented.

CHEMISTRY. Applicants may offer Chemistry as a substitute for Physics. The examination will cover matter equivalent to that taken by students in a two semester course in a standard High School. No credit will be given unless laboratory work has accompanied the study of the theory.

REQUIREMENTS FOR THE OTHER COURSES. Those who wish to enter any other course which the College of Arts offers must present a certificate from a standard High School. An applicant without a certificate should be prepared to pass satisfactory examinations in all required and elective subjects for entrance to the course he intends to pursue.

This outline of matter is practically the same for those entering other courses, save in this that the applicant may ask for examinations in the Modern instead of the Ancient Languages.

Detailed Statement of Requirements for Admission

All candidates for the Bachelor's degree must present entrance credits amounting to sixteen units. A unit represents a year's study in a high school subject pursued four or five times a week.

The required units for admission to the several courses are as follows:

A. B. COURSE

Latin	4 units	Ancient History	1 unit
Greek	2 units*	Modern History	1 unit
English	3 units	Science	1 unit
Algebra	1 unit	Elective	1 unit
Geometry... ..	1 unit		

B. S. COURSE

English	3 units	Ancient History	1 unit
Foreign Languages ...	2 units	Science	2 units
Mathematics	3 units	Elective	5 units

LITT. B. and PH. B. COURSES

English	3 units	Mathematics	2 units
Foreign	3 units	Ancient History	1 unit
(All in one language or two in one language and one in another.)		Modern History	1 unit
		U. S. History and Civics	1 unit
		Science	1 unit
		Elective	4 units

*Applicants who can satisfy all the other entrance requirements may be admitted with conditions in Greek, which must be removed within one year from the time of entrance. An elementary Greek class will be organized for this purpose.

ELECTIVE UNITS. The elective subjects that may be presented to complete the required sixteen units must be taken from the following list:

English Literature	1	unit
Modern Language	2	units
Foreign Language	2	units
Biology	1	unit
Chemistry	1	unit
Algebra (intermediate)	$\frac{1}{2}$	unit
Trigonometry	$\frac{1}{2}$	unit
Solid Geometry	$\frac{1}{2}$	unit
Physical Geography	1	unit
American History	1	unit
English History	1	unit

General Statement of Requirements for Degrees

The conditions for the Baccalaureate degrees, A. B., B. S., Litt. B., Ph. B., are the following:

1. The completion of the four years' course leading to the degree for which the student is a candidate.
 2. A written thesis approved by the Dean of the College and presented at least four weeks before graduation.
 3. All work to be accepted in fulfillment of any requirement for the degree must be completed with a grade above 70.
 4. A fee of \$10.00 payable in advance.
- Requirements for the A. M. Degree:

1. The candidate must have an A. B. degree from an institution of good standing and must devote one year exclusively to resident graduate study. Two years—eight months of which must be in residence—will be required if the candidate's whole time is not devoted to study.
2. The work must be done in one or two departments, and must ordinarily embrace one principal and one or two second-

ary subjects. It must involve concentrated work in some special field of study in such subjects as Philosophy, History, Economics, Law, Classics, English, Mathematics, Physics, Chemistry, Biology. Advanced courses given in the professional schools of St. Louis University will be accepted in partial fulfillment of requirements for the A. M. degree, but under no circumstances may a candidate count these same courses toward a professional degree.

3. The candidate must pass a satisfactory examination in all the subjects studied.

4. He must present a typewritten or printed thesis in his major subject.

5. A fee of \$10.00 is to be paid in advance.

The degree of Master of Science, M. S., is conferred under the same conditions as above when the major subject of study has been scientific.

Requirements for the degree of Doctor of Philosophy—Ph. D.:

The degree is conferred on one who, having previously received the Bachelor's degree from an institution of good standing, satisfies the following requirements:

1. At least three years of resident graduate work in pursuance of an accepted course of study. The course in question must include one principal and one or two secondary subjects. A reading knowledge of French and German is a prerequisite.

2. A satisfactory examination upon the work done in preparation for the degree.

3. The presentation of a satisfactory printed thesis. Since the chief consideration in the candidate is that he be able to produce valuable and original work, his thesis must embody a real contribution to science.

4. Such knowledge of subjects considered fundamental as may be prescribed by the several departments. For further information address the Vice-President of the University.

General Statement of the Course of Study for the Degree of A. B.

All candidates for the degree of Bachelor of Arts must before graduation complete forty semester courses,* which shall include two years of college Greek, three years of college Latin, three years of English, two years of Science in the group Physics, Chemistry, Biology, Geology, Astronomy, one year of History, one year of Mathematics, and two years of Philosophy. In addition, the candidate must do the prescribed work in Public Speaking, and, unless he can give evidence that he possesses a reading knowledge of French or German he must take a two years' course in one of these languages. Catholic students, moreover, will be required to take every year a course in Evidences of the Christian Religion, two hours a week, which if pursued for two years, will be accepted in satisfaction of two semester courses.

The rest of the studies are elective in this sense that the student who wishes to pursue technical or professional courses after or even before graduation will be given full opportunity to take those studies that will best prepare him for such courses and be allowed full liberty, under proper advice, to arrange his work according to the outline of studies given below. Under certain circumstances he may be allowed to drop one of the subjects there prescribed in favor of an elective, with the approval of the committee on electives. In case the student gives no such notice of wishing to prepare for professional studies, he will be required to follow certain specified courses in Political Economy, History of Philosophy, Geology and Astronomy. Any candidate, if found deficient in English, shall besides his other required work, take such courses as will be prescribed for him by the department of English.

*A semester course is a subject taken at least 3 times a week for one semester.

Schedule for the A. B. Course

FRESHMAN YEAR.

The object of this class is the cultivation, in a special manner, of literary taste and style, which is to be effected chiefly by the study of the best poets and prose writers. The Greek and Latin classics are studied for this purpose, together with such English writers as are noted for the highest qualities of literary substance and form. Special emphasis is laid on the study of poetry. Moreover, in this class, as in the others of the course, the literary work is supplemented by that training in Mathematics and Science, which is required by a liberal education.

The prescribed studies are Latin, I and II*; Greek, I and II; English, I and II; Mathematics, I and II, and either Chemistry, I and II, or Biology, I and II. A student who enters with four units in Mathematics will not be required to take this subject in college. He may anticipate some other course. One who enters without Physics or without Chemistry will have to take that subject in Freshman year.

SOPHOMORE YEAR.

The work of this year centers on the study of Oratory and Historical Composition. The nature and types of oratory, principles of argumentation, the nature and requirements of historical writing are thoroughly investigated—the best models, ancient and modern, forming the subject-matter of study. Thus, while perfecting literary taste, the class is intended to develop that grasp and perspective of structure without which composition on a large scale is impossible.

The required studies are Latin, III and IV; Greek, III and IV; English, III and IV; History, III and IV, and one subject from the following: A Modern Language, Mathematics,

*See subject in the Outline of College Courses beginning on Page 244. The Roman numeral refers to the number of the course under the subject indicated.

III and IV, a Science (Physics, I and II; Chemistry, V and VI; Biology, I and II; Geology, I and II; Astronomy, I), Drawing, I and II; Descriptive Geometry, III and IV. A student who has no reading knowledge of French or German, will have to take either of these languages for two years during the remainder of his college course. A second Science must be taken in either Sophomore or Junior or Senior year, unless full credits for both Physics and Chemistry have been presented at entrance.

JUNIOR YEAR.

The object of this class is to form the mind to habits of correct reasoning and to impart sound principles of philosophy. Logic, Rational Philosophy—being, causality, the nature of matter, the human soul, its nature, origin, operation, etc.—are the chief subjects of study. The additional training received from the study of the history of Philosophy and various literary topics is by no means neglected.

In Junior year every student must take Logic, I, and Ontology, II, in the Department of Philosophy; Latin, V and VI, and English, V and VI, and two subjects from the following: Mathematics, III and IV; Greek, V and VI; German, I and II; French, I and II, a Science (Physics, I and II or VI; Chemistry, I and II or VI; Biology, I and II; Geology, I and II; Astronomy, I), History, V and VIII; History of Philosophy, IX.

SENIOR YEAR.

The study of Philosophy is continued this year in courses on the three important subjects of Psychology, Natural Theology and Ethics. These courses, treating of the existence of God, the origin of Moral Obligation, the Natural Law, Duties and Rights, the Origin and Nature of the Soul, etc., form the crowning work of a liberal education. Their aim is to teach sound principles of conduct, to give the students clear ideas

on the purpose and destiny of man, and on the problems of life and their solution, as furnished by ethical principles.

Every Senior is required to take Psychology, III, and Natural Theology, IV, and Ethics, V and VI, in the Department of Philosophy, and select three more subjects from the list of Junior electives, to which are added Political Economy, VII and VIII; in the Department of Philosophy, English, VII and VIII, and Pedagogy.

General Statement of the Course Leading to the Degree of Bachelor of Science

The Course leading to the degree of Bachelor of Science is open to those who, entering without Latin or Greek, or not wishing to continue these subjects, follow the outline of studies given below. They must complete forty semester courses exclusive of the prescribed work in Public Speaking. Catholic students must also take every year a course in Evidences of Religion, of from one to two hours, which, if pursued for two years, will be accepted in fulfillment of two semester courses. Every student must take five courses, each course consisting of not less than three hours a week, and he must in Junior and Senior years complete six semester courses in one or two closely allied sciences. The course is so arranged as to give, especially in the Freshman and Sophomore years, a broad training in the fundamental studies necessary for future success in scientific work, that is, in English, in Physics and Chemistry, in college Mathematics, in Logic and Philosophy, and in Modern Languages. Many Electives are offered in Junior and Senior years. In choosing from them the student must be guided by his prospective future work.

FRESHMAN YEAR.

The required studies are English, I and II; Mathematics, I and II; a Modern Language, I and II; Chemistry, I and II, and either Mechanical Drawing, I and II; Descriptive Geometry, I and II; Biology, I and II, or a second Modern Language.

SOPHOMORE YEAR.

The Sophomore student must take English, III and IV, a Modern Language, III and IV, (The one begun in Freshman continued) Physics, I and II; History, III and IV, and one subject from the following: Mathematics, III and IV; Drawing, I and II; Descriptive Geometry, I and II; Qualitative Analysis, V and VI; Biology, a second Modern Language, III and IV.

JUNIOR YEAR.

The prescribed studies are English, V and VI; Logic, I, and Ontology, II, in the Department of Philosophy, and three subjects from the following: Advanced Physics, VI; Quantitative Analysis, VIII; Analysis, Organic Chemistry, IX; Physical Chemistry, X; General Biology, I and II; Geology, I and II; Astronomy, I, any Elective of the Sophomore Year.

SENIOR YEAR.

The prescribed subjects are Ethics, V and VI, and Psychology, III, and Natural Theology, IV, in the Department of Philosophy. Moreover, the student must continue one subject taken in Junior Year and select two from the following: English, VII and VIII; Political Economy, VII and VIII, any Elective of Sophomore or Junior Year.

Outline of Studies for the Litt. B. Degree

FRESHMAN

The prescribed subjects are: English, I and II; Mathematics, I and II; Foreign Languages, I and II; Chemistry, I and II. The student must choose one subject from the following: A second Modern Language, I and II; Mechanical Drawing, I and II; Descriptive Geometry, I.

SOPHOMORE YEAR.

The prescribed subjects are: English, III and IV; Foreign Language; History, III and IV; Physics, I and II, and one from the following: A Science, Mathematics, History of English Literature or any Elective of Freshman Year.

JUNIOR.

The required subjects are: English, V and VI; Logic, I, and Ontology, II, in the Department of Philosophy; one Foreign Language. Two electives from the following: History, VII and VIII; Geology, I and II; Astronomy, I; Pedagogy. Any elective of Sophomore Year.

SENIOR.

The required subjects are: Ethics, V and VI; Psychology, III, and Natural Theology, IV, in the Department of Philosophy. Three electives from the following: English, VII and VIII; Political Economy, VII and VIII, any Elective of Sophomore or Junior Year.

The requirements for the degree of Bachelor of Science in Medicine are given on page 80.

For the degree of Bachelor of Philosophy see statement on page 70 concerning this degree.

Operation

Examinations. Examinations are held in all classes except Senior at the end of each quarter. Senior examinations are held at the end of each semester. The semester examinations in January and June cover all the matter of the preceding half year.

Class Standing. The student's progress is indicated by the combined results of his examinations and class work. Classwork is the record of the student's attendance and of his satisfactory work during recitation periods. Each subject is estimated on the basis of 100%. An average below 75% is unsatisfactory; 70% is the Passing mark; 50% is a Failure and from 50% to 69% inclusive is reckoned a "Condition." One who fails in a Semester examination must repeat the subject of his failure; one who is "conditioned" is allowed to take another examination on the day appointed by the Dean. If "conditioned" examinations are not passed successfully on this date they become failures.

PROMOTIONS. Promotions to a higher grade are regularly made at the beginning of the Academic year but they will be made at any time when the student's progress justifies them. The examinations at the end of each semester are decisive for promotion.

General Regulations

1. **ATTENDANCE.** As regular attendance is an important element in class standing and an essential condition for successful work, students must not be detained or withdrawn from classes except for very grave reasons. For absence, for tardiness, or for permission to withdraw before the close of the daily session, a note from the parent or guardian will invariably be required. Mere absence does not excuse a student from the obligation of preparing his ordinary recitations or relieve him from any part of his examinations. Frequent absence or tardiness, except on account of sickness, is sufficient cause for dismissal.

2. **HOME STUDY.** All the endeavors of the Faculty will fail to insure success for the students unless they apply themselves to their studies with diligence and constancy outside of class hours. Approximately twenty hours each week are spent in classwork; and to prepare the recitations and exercises for this work, as well as to review the matter previously seen, at least three hours of home study daily are required. Parents and guardians are, therefore, respectfully urged to insist on this application.

3. **COMMUNICATIONS.** Due notice should be given to the Dean of a change of residence, or the contemplated withdrawal of a student.

Honors and Prizes

HONORS. As the examinations are competitive, the combined examination and classwork record is publicly proclaimed in the Quarterly Assemblies at which all the students must be present. Honors and prizes at the close of the year are determined by the combined results of the classwork and examina-

tions of the student. A student who fails in any subject at the semester examinations is thereby disqualified from all honors. One who fails in either of the other two Quarterly examinations is barred from honors at the Quarterly Assembly immediately following. Those whose average is 90% and upward merit the distinction of First Honors, and those whose average is between 85% and 90%, Second Honors.

Special Prizes

INTERCOLLEGIATE ENGLISH PRIZE.—A purse of \$100.00 (\$50 for the first prize, \$20 for the second, \$15 for the third, \$10 for the fourth and \$5 for the fifth) is offered yearly by Mr. D. F. Bremner, of Chicago, for excellence in English essay writing. The purse is open to competition of the Jesuit Colleges of the Missouri Province, which are:

- St. Louis University, St. Louis, Mo.
- St. Xavier College, Cincinnati, O.
- St. Ignatius College, Chicago, Ill.
- St. Mary's College, St. Mary's, Kas.
- Creighton University, Omaha, Neb.
- University of Detroit, Detroit, Mich.
- Marquette University, Milwaukee, Wis.
- St. John's College, Belize, British Honduras.
- St. Ignatius College, Cleveland, O.
- St. John's College, Toledo, O.
- Campion College, Prairie du Chien, Wis.

INTERCOLLEGIATE LATIN PRIZE.—For the best Latin essay for competitors of the same colleges, a gold medal is offered by Very Rev. Alexander J. Burrowes, S. J., Provincial.

GILFILLAN CATECHETICAL MEDAL.—A gold medal for the best catechetical essay is offered by Rev. Francis Gilfillan, S. T. L., Rector of the New Cathedral, St. Louis.

MOSER ORATORICAL MEDAL.—A gold medal for the best oration is offered by Mr. Leo Moser, St. Louis.

SHEA LATIN MEDAL.—A gold medal for the best Latin essay by a member of the Undergraduate Department is offered by Rev. E. J. Shea, Rector of the Immaculate Conception Church, St. Louis.

BYRNES PHILOSOPHICAL MEDAL.—A gold medal for the best philosophical essay is offered by Mr. James W. Byrnes, A. B., St. Louis.

CHURCH ELOCUTION MEDALS.—A gold medal for the successful contestants in the Collegiate and Academic Public Elocution contests is offered by Mrs. Alonzo C. Church, St. Louis, in memory of the late Mr. Alonzo C. Church.

TANNRATH PHILOSOPHY MEDAL.—A gold medal for Highest Honors in Junior Class of Philosophy is offered by Rev. John J. Tannrath, Rector of St. Agnes' Church, St. Louis.

MCCARTHY SHORT STORY MEDAL.—A gold medal for the best short story published in a current magazine by a student in the Classical Course of the College of Arts, is offered by Mr. Leo D. McCarthy, St. Louis.

SCANLAN COLLEGIATE MEDAL.—A gold medal for Highest Honors in Sophomore Class is offered by Philip J. Scanlan, St. Louis.

WALSH COLLEGIATE MEDAL.—A gold medal for Highest Honors in Freshman Class is offered by Mr. Edward J. Walsh, St. Louis.

GRIESEDIECK COMMERCIAL MEDAL.—A gold medal for Highest Honors in the English Commercial Course is offered by Mr. Henry Griesedieck, St. Louis.

BENOIST ACADEMIC MEDAL.—A gold medal for Highest Honors in Third Year High is offered by Mr. Howard Benoist, St. Louis.

WADE ACADEMIC MEDAL.—A gold metal for Highest Honors in Second Year High is offered by Mr. Festus J. Wade, St. Louis.

WILSON ACADEMIC MEDAL.—A gold medal for Highest Honors in Special Class is offered by Mr. George W. Wilson, St. Louis.

Scholarships

In the **Collegiate Department** an Annual Scholarship is provided by the donation of \$80.00. A permanent scholarship which entitles the founder at all times to keep one scholar, designated by him and acceptable to the Faculty, free at the University, is founded by the gift of \$2,000. If the founder fails to name an incumbent, the scholarship will be conferred at the discretion of the Faculty.

The James J. Butler Scholarships. The sum of \$5,000 was donated by Mrs. James J. Butler in memory of Mr. James J. Butler, to found permanent Scholarships in the Classical Course. The beneficiaries of these scholarships are to be designed by the Faculty of the University.

The Peter K. Lanahan Scholarships. Mr. Thomas W. Lanahan, who had already founded a permanent scholarship in the Classical Course in memory of his brother Peter K. Lanahan, has donated the sum of \$1,000 towards founding a second scholarship.

The William J. Cornet Scholarships. In accordance with the wishes of Mr. William J. Cornet, A. B., '93, the family of the deceased has founded two permanent scholarships in the Classical Course, the beneficiaries of the same to be designated by the Faculty of the University.

Annual Scholarships

An annual scholarship was offered by the St. Ann's Sodality of the College Church, by the Children of Mary of the College Church, by Miss Mary E. Lynch, by a friend of St. Xavier's Parish, by a friend of St. Xavier's Parish, by Miss Smith.

Expenses

As the institution is not endowed, it is entirely dependent for its support on the fees paid for tuition.

Matriculation Fee (paid but once).....\$ 5.00

COLLEGE: Tuition, for all classes ten months.....	100.00
Physics, lecture-room and laboratory fee.....	15.00
Chemistry, lecture-room and laboratory fee.....	15.00
Biology, lecture-room and laboratory fee.....	15.00
Mechanical Drawing	15.00
Diplomas for Graduates in the Collegiate, Scientific and Graduate courses.....	10.00
Conditioned examinations, each.....	1.00
Conditioned examinations, if taken on any other than the day assigned, each.....	2.00

Moreover, a deposit of \$5.00 is required of each student in the Physics Class, to cover breakage or loss of articles used in the laboratories. This amount, less the cost of the above items, will be returned to each student at the end of the session.

When possible the loss or breakage of articles in the laboratories is charged to the student who is responsible; but in some cases it may be divided among a class or group of students if the Vice-President considers such procedure just. The purpose is to make every student a guardian of the property used in the laboratory.

Payments for conditioned examinations must be made invariably before the examinations. Payments for tuition (etc.) must be made quarterly or semi-annually in advance. The account for tuition dates from the day of the student's entrance. No deduction is allowed for absence, except in case of dismissal or protracted illness. The session is divided into quarters, beginning respectively on the opening day of the academic year, the 15th of November, the 1st of February, and the 15th of April.

Outline of College Course

The University reserves the right to refuse to give a course for which there is not a sufficient number of applicants.

Philosophy

Course I.—A. Dialectics.

The Province of Logic, Formal and Material. The Foundations of Logic. The Principles of Contradiction, Identity, Causation, Excluded middle. Simple apprehension; modern errors. Universal ideas. Propositions: their nature and division. Opposition and Conversion. Reasoning. The Syllogism and its Laws. Formal and Material Induction. Fallacies.

B. First Principles of Knowledge. Applied Logic.

The nature of Certitude; kinds and degrees. Truth. Universal skepticism. Cartesian doubt. Criterion of Certitude; Objective Evidence. Trustworthiness of the Senses and Intellectual Powers. Objectivity of Ideas. Belief on Human and Divine Testimony.

Five hours a week. One semester.

Course II.—A. General Metaphysics.

The concept of being. Essence and existence. Possible being. The Positivist school. Transcendentalism. Attributes of being: Unity, Truth, Goodness. Substance and accident. Personality. Quality. Relation. Principle and cause. The principle of causality. Perfection of being. Infinity. Necessity. Order and Beauty.

B. Cosmology.

Creation. Pantheism. General principles. Ancient and Modern Pantheists. Purposes and perfection of the Universe. Laws of Nature. Miracles. Occult Power. Spiritism. Hypnotism. Constitution of bodies. Atomism. Dynamism. Vortex theory. Properties of Matter. Time and space.

Five hours a week. One semester.

Course III.—Psychology.

Life. Vegetative, Animal, Intellectual. Organic bodies essentially different from inorganic. Life. Protoplasm. Vital principle, distinct from physical and chemical forces. Animals sentient, not rational. Instinct. Natural selection. Rational life. Essential difference between sense and reason.

The Soul. A simple, spiritual substance. False theories of the Ego. Monistic theories. Individuality. Unity. Identity of the principle of the vegetative, sentient and rational life in man. Union of soul and body. Occasionalism. Scholastic doctrine. Locus of the soul. Localization of cerebral functions. Time of origin. Origin of the soul. Creationist doctrine. False theories. Neo-Scholastic doctrine. Theory of Evolution.

Origin of Ideas. The intellect and brain. Universal and abstract concepts. Innate ideas. Empiricism, Ontologism, Associationism. The Schoolmen. Doctrine of St. Thomas. Attention. Reflection. The soul's consciousness of itself. Sensation. Perception. Psychophysics. The imagination. Estimative faculty. Sensuous appetite and locomotion. Voluntary, automatic, reflex, impulsive movements. Feeling.

Rational Appetency. The human will. Desire and volition. Spontaneous and deliberate action. Choice. Self-control. Free will and determination. Fatalism. The emotions. Hypnotism.

Three hours a week. One semester.

Course IV. Natural Theology.

The Existence of God. Method of proof. Ontologism. Traditionalism. The "Ontological Proof" of St. Anselm. Metaphysical, Cosmological, Moral arguments. Atheism. Agnosticism; its religious and moral consequences. The Physical and Metaphysical Essence of God. Infinite perfection. Unity of God. Pantheism. Anthropomorphism. Immortality, Eternity and Immensity of God. The Divine Intellect and Knowledge. The Free Will and Omnipotence of God. God creating, preserving, concurring with creatures. Divine Providence.

Three hours a week. One semester.

Course V. Ethics.

General Ethics. Nature, object, necessity of Ethics. Fundamental principles. False theories. The ultimate end of man. Use of the present life. Human acts. Merit and accountability. Virtue and vice. Nature of morality. Standards of morality. Hedonism and Utilitarianism. The moral sense. Determinants of morality. Law. The Eternal Law. The Natural Law; its properties and sanction. Origin of moral obligation. False theories. Conscience.

Three hours a week. One semester.

Course VI. Ethics (Continued)

Special Ethics. Rights and duties. Worship of God. Obligations of accepting Divine Revelation. Rationalism. Indifferentism. Suicide. Self-defense. Homicide; Lying and mental reservation.

Right of ownership. Communism. Socialism. Single Tax. Modes of acquiring property. Contracts. Relations of Capital and Labor. Employers' Unions. Trade Unions. Strikes.

Society in general. The family. Divine institution, unity and indissolubility of marriage. Parental authority. Education. Civil society; its nature, end and origin. False theories. Forms of civil government. Citizenship. Universal suffrage. Functions of civil government; legislative, judiciary, executive. Taxation. Death penalty. Freedom of worship. Freedom of the press.

International law. Foundations of international law. Mutual relations of nations. Right of commerce. Intervention. Rights of neutrals. War and arbitration.

Three hours a week. One semester.

Course VII. General Economics.

Production. Increasing and diminishing returns. The Advantages and Drawbacks of Industrial Organization. Locality and Dimensions of Industry. Consumption. Markets and Prices. Differential Gains. International Trade.

Three hours a week. One semester.

Course VIII. General Economics (Continued)

Money and Coinage. Credit and Banking. Foreign Exchange. Profits: interest and wages. Mistaken Theories on Riches. Trade Unions. Employers' Liability. Taxation. This Course gives a general view of the whole field of Economics.

Three hours a week. One semester.

Text-Books and References. Clarke, Maher, Rickaby, Boedder, S. J. (Stonyhurst Series); Russo, Jouin, Hill, Coppens, Liberatore, Poland, Gruender, Lahousse, Harper, Devas' Political Economy, Thein's Christian Anthropology, Cathrein.

Latin

NOTE.—The courses in Latin, Greek and English are, for greater educative effect, made parallel as much as possible. The theory of the different forms of literature is presented in the English courses, and the classic masterpieces studied in the Latin and Greek course furnish illustrative material to enforce the precepts and for comparative work. Poetry, with its various forms, is the subject of Freshman year; Oratory, of Sophomore; the Drama, of Junior; the Critical and Philosophical essay, of Senior.

Course I. Latin.

Precepts: A thorough review of Latin Prosody and versification.

Authors: Horace, "Ars Poetica"; Virgil, "Aeneid," Books III, V and VI.

Four hours a week. One semester.

Course II. Latin. Livy, Book XXI. (2300 lines)

Sight-Reading: Selections from Christian Hymnology; Livy.

Four hours a week. One semester.

Practice: Thorough review of grammatical forms. Practical Course in Latin Composition. Two themes a week. A theme in imitation of the prose authors studied, about every fortnight.

Memory: From the authors read in class.

Course III. Latin.**Authors:** Cicero, Pro Milone; Horace, Select Odes.

Four hours a week. One semester.

Course IV. Latin. Horace, Epodes, Epistles and Satires; Tacitus, Agricola.**Sight-Reading:** Selections from the authors assigned above. Tacitus, Germania or Annals. Selections from the Latin Fathers.

Four hours a week. One semester.

Practice: BOTH SEMESTERS. Comparative Study in Latin and English idioms. Kleist's Practical Course in Latin Composition, supplemented by Aids to Latin Composition. Two themes a week. Off-hand translation from English into Latin.**Memory:** Select passages from the authors read.**Course V. Latin.****Authors:** Cicero, Quaestiones Tusculanae; Plautus, Duo Captivi.

Three hours a week. One semester.

Course VI. Latin.

Cicero, Quaestiones, Tusculanae, continued; Somnium Scipionis; Pliny, Letters; Juvenal, Selections; Selections from the Latin Fathers.

Three hours a week. One semester.

History of Latin Literature (Mackail, for reference): both semesters.

Practice: Original Essays in Latin. Sargent's Materials and Models for Latin Prose Composition.**Greek*****Course I. Greek.****Precepts:** The Syntax of the verb repeated; general rules of quantity; the Homeric Dialect; a brief sketch of Greek Epic and Lyric Poetry.**Authors:** Homer, Iliad, Books II-VI.

Four hours a week. One semester.

*See note on page 257.

Course II. Greek. Plato, Apology and Crito.

Sight-Reading: The New Testament or selections from the authors read in class.

Four hours a week. One semester.

Practice: BOTH SEMESTERS. A written theme once a week, based on the authors studied and illustrating the syntax of Attic Greek. Frequent written reviews done in class.

Course III. Greek.

Authors: Demosthenes, Philippic I or III; analysis of Philippic I or III; selections from "On the Crown."

Four hours a week. One semester.

Course IV. Greek.

Selections from Demosthenes On the Crown, with detailed analysis. Sophocles, Antigones, Oedipus Tyrannus or Oedipus Coloneus.

Sight-Reading: The New Testament or St. Chrysostom, Eutropius, or St. Basil.

Four hours a week. One Semester.

Practice. BOTH SEMESTERS. Easy themes built on sentences in the text, once a week. Frequent written reviews.

Courses V and VI. Greek.

Authors: Plato, Phaedo—analysis; Keep's Stories from Herodotus; Aeschylus, Prometheus Bound or Agamemnon.

Three hours a week. Two Semesters.

English

Course I—Rhetoric and Composition.—A thorough repetition of the principles of writing given as an essential preparation for work in College English. Short daily themes and longer weekly themes. Exposition and narration are chiefly stressed.

Course II—Advanced Rhetoric and Composition.—For those who have satisfactorily finished Course I or whose work is of a standard sufficient to warrant omitting Course I. Gathering, arrangement and development of material;

the principles of style. Longer themes are assigned to encourage originality and personal research.

Course III—The Short Story.—The technique, history and types of the short story. Besides the intensive study of great short stories, American and foreign, the work includes weekly or semi-weekly stories written by the student.

Course IV—The English Novel.—The technique, history and criticism of the English novel. Two of the great novels are studied intensively in class, and assignments are given for extra-class reading. Written work consists in critical studies in the novels read in and out of class.

Course V—The Oration.—The technique and history of Oratory, with stress laid on the principles of argumentation. Famous orations are read intensively in class, and a long assignment in some celebrated orator is given for private study and research. The course includes practice in written argumentation, in speech construction, and in public speaking.

Course VI—The English Drama.—From the beginnings through Shakespeare. The principles of the drama studied with reference to the classical drama; the history of the drama with characteristic examples. Famous plays are studied in class, and outside assignments are made for private study. The written work consists in practice in the dialogue form, in simple one-act plays, in the beginnings of play construction, and in critical essays on the authors studied.

Course VII—The English Drama.—From Shakespeare to Modern Times. The principles of modern drama construction, a history of the development of modern drama, and a study of recent dramatic schools and authors. Representative plays are studied in and out of class. Written work consists in criticism of plays read and seen and in short plays on original themes written by the student.

Course VIII—English Lyrical Poetry.—The principles and history of lyrical poetry studied chiefly from the Eng-

lish lyrical masterpieces. Written work is made up of frequent short poems on original and suggested themes and of critical essays on the poems studied.

Course IX—Narrative Poetry.—The English ballads, the Epic. Critical essays and short narrative poems are the assigned written work.

Course X—The Formal Essay.—For advanced students only. A study of the structure, development, content of great historical, critical, and philosophical essays. Weekly themes on kindred subjects are assigned.

Course XI—The Informal Essay.—A study of the famous informal essays and essayists. Stress is laid on the light essay as written today. The written work is assigned

Course XII—The History of English Literature.—From the Earliest Times to the Restoration. An historical survey of the field of English literature with rapid reading in important authors. Written work consists in a critical study of the authors and their periods.

Course XIII—The History of English Literature.—From the Restoration to the Present Time. A continuation of Course XII.

Course XIV—Literary Aesthetics.—The study of the principles of criticism and literary appreciation.

Practical Oratory and Debating

Courses I and II.

The object of the course is to train students to readiness and fluency in public speaking. To this end it is conducted according to strict parliamentary practice. The literary and oratorical exercises are always under the direct supervision of a member of the Faculty. They are as follows:

Declamation and Elocutionary Reading. Criticism and discussion of interpretation and delivery. Composition and reading of stories, poems and essays, historical, critical, or personal. Set orations illustrative of the precepts for oratorical composition. Extempore speaking. The theory and practice of parliamentary law. Debates.

Two hours a week. Two Semesters.

Evidences of Religion

Course I. Evidences of Religion.

The Church as a means of salvation. The last things. The Christian's duties towards God. Faith, Hope and Charity.

Two hours a week. One Semester.

Course II.

The virtue of religion. Direct act of religion; indirect acts. Veneration of Saints, etc. The Christian's duties towards himself and his neighbor. Christian Perfection.

Two hours a week. One Semester.

Course III.

Grace; actual, habitual, sanctifying. The Sacraments in general. Baptism. Confirmation.

Two hours a week. One Semester.

Course IV.

The Blessed Eucharist as a Sacrament and as a Sacrifice. The Sacrament of Penance. Extreme Unction. Holy Orders. Matrimony.

Two hours a week. One Semester.

Course V.

Creation: The spiritual world; the material world. Man and the Fall. God the Redeemer; the person and nature of the Redeemer; the work of the Redemption.

Two hours a week. One Semester.

Course VI.

Christianity, a revealed religion. Revelation in general. Pre-Christian revelation. The Christian revelation. The Church; its Institution and End.

Two hours a week. One Semester.

Course VII.

The Basis of Morality. Law. Conscience. Free Will. Moral good and moral evil. The Constitution of the Church. Marks of the Church.

Two hours a week. One Semester.

Course VIII.

Teaching Office of the Church. Holy Scripture. Tradition. The Rule of Faith. The Existence of God. Nature and Attributes of God. Unity of God. The Trinity.

Two hours a week. One Semester.

TEXT: Wilmers for all courses in Evidences of Religion.

History**Course I.**

Outline survey of European History from the birth of Christ to the Ottoman Conquest of Constantinople. Text book: Gugenberger. Lectures; assigned readings and maps to be outlined; written tests.

Three hours a week. One semester.

Course II.

General World History from the Fall of Constantinople to the present time. Continuation in matter and manner of Course I. These two courses are introductory. Obligatory on students who are to take other courses in history and for all candidates for the A. B. degree.

Three hours a week. One semester.

Course III.

Roman History from Diocletian to Irene; Old Rome and New Rome. Constant comparison of authors; study of the contemporary writers; special investigations; written and oral reports. Course obligatory for candidates for B. A. degree.

Three hours a week. One semester.

Course IV.

Period of the Crusades; Eastern and Western Europe. Continuation of Course III in manner and matter.

Course V.

Domestic life of Medieval Europe; lectures and illustrations.

One hour a week. One Semester.

Course VI.

Same as Course I in the Divinity Department.

Two hours a week. One Semester.

Course VII.

Same as Course II in the Divinity Department.

Two hours a week. One Semester.

Course VIII. Research Work.

Reading of Contemporary Authors, mostly in original texts; Numismatics; Epigraphy.

Two hours a week. Two Semesters.

Course IX. History.

History of Philosophy.

One hour a week. Both Semesters.

Mathematics**SECTION I.**

Course I. MATHEMATICS. College Algebra (Haw's).

Four hours a week. One Semester.

Course II. MATHEMATICS. Trigonometry.

Four hours a week. One Semester.

Course III. MATHEMATICS. Analytical Geometry.

Four hours a week. One semester.

Course IV. MATHEMATICS. Calculus (course begun.)

Three hours a week. One semester.

Course V. MATHEMATICS. Calculus (course continued and finished.)

Three hours a week. One Semester.

SECTION II.**For Advanced and Graduate Students**

Courses VI, VII, VIII. Brief courses. See page 231.

Course IX. COLLEGE ALGEBRA. Five hours a week: one semester. **ANALYTIC GEOMETRY**, plane and solid. Five hours a week: one semester.

Course X. DIFFERENTIAL and INTEGRAL CALCULUS, with applications. Five hours a week: two semesters.

Course XI. DIFFERENTIAL EQUATIONS. Five hours a week: two semesters.

Chemistry

Courses I and II. GENERAL CHEMISTRY. A course of experimental lectures, recitations and problems combined with laboratory work. The purpose of this course is to acquaint the student with the fundamental principles of the science and their application to inorganic and organic compounds. It meets the demands of a liberal education, and lays the foundation for more advanced work.

1A. Lectures, three hours a week. Both semesters.

1B. Laboratory, two hours a week. Both semesters.

Text: Alexander Smith's General Chemistry for Colleges.

Course III. A more thorough course. Lectures 5 hours; Laboratory 5 hours. Both semesters.

Courses IV and V. Brief courses. See page 232.

Course VI. QUALITATIVE ANALYSIS: Introductory. Five hours a week: one semester. Prerequisite: Course I and II.

Course VII. QUALITATIVE ANALYSIS, involving the detection of the rarer elements. Lecture and laboratory, five hours a week: one semester. Prerequisite: Course V.

Course VIII. QUANTITATIVE ANALYSIS, Lecture and laboratory, ten hours a week: one semester. Prerequisite: Course VI.

Course IX. ORGANIC CHEMISTRY. Lectures, four hours a week; laboratory, three hours, twice a week; with application to organic preparations. One semester. Prerequisite: Courses IV and VI.

Course X. PHYSICAL CHEMISTRY, applied to problems in General Chemistry. Lectures, four hours a week, laboratory, three hours, twice a week. One semester. Prerequisite: Physics IV, or equivalent, and Chemistry VI.

Physics

A course of lectures, demonstrations and recitations covering the fundamental principles of Physics.

Course I. Physics.

GENERAL PHYSICS: Mechancis, Heat and Sound. Lectures: Three hours a week; Laboratory: two hours a week. First semester.

Course II. Physics.

GENERAL PHYSICS: Light, Electricity and Magnetism. Lectures: Three hours a week; Laboratory: two hours a week. Second semester.

Course III. Physics.

GENERAL PHYSICS: A Continuation of Course I, involving a more extended development of the principles of Physics, the derivation and interpretation of formulas and their application to physical problems. Special attention is paid to Mechanics, Heat and Electricity. Lectures: Three hours a week; Laboratory: two hours a week. Both semesters.

Course IV. Physics.

GENERAL PHYSICS: A combined lecture and laboratory course on a par with Courses I, II and III. Ten hours a week. Both semesters.

Course V. See page 232.

Course VI. Physics.

An advanced lecture course in Theoretical Mechanics, Optics, Molecular Physics and Thermodynamics. Five hours a week. Two semesters. Prerequisite: Course II or V and Calculus.

Course VII. EXPERIMENTAL PHYSICS. A course for advanced students, including lectures on the theory of physical measurements and measuring instruments, with special attention to the computation of results and the discussion of precision. The laboratory work involves accurate measurements in Mechanics, Light, Molecular Physics and Heat. Ten hours a week. Two semesters. Prerequisite: Course VI.

Course VIII. A continuation of Course VI, repeating the lectures on Mechanics, and continuing with Electricity and

Magnetism, Electrodynamics, Radio-activity, Acoustics, and Hydrodynamics. Five hours a week. Two semesters. Prerequisite: Course II or V and Calculus.

Course IX. EXPERIMENTAL PHYSICS. A continuation of Course VII. Laboratory work principally in Electricity and Magnetism, including electrostatic and electromagnetic measurements. A practical study of the properties of direct and alternating currents, and of the principles underlying the construction of dynamo-electric machinery: calibration of electrical measuring instruments: electrolysis, etc. Ten hours a week. Two semesters. Prerequisite: Course VIII.

Physical Laboratories

Through the generosity of benefactors the University has been enabled to make changes which provide 5,000 square feet additional space for laboratory and lecture-room purposes. There are now four large laboratories for physics alone, two for the college and pre-medical courses, one for advanced courses and one for private work. A large amount of apparatus for demonstration and laboratory purposes has lately been procured. Even in the laboratories for elementary work this is of high grade and such as to secure quick and accurate results; while that for advanced work has been so chosen as to give the highest degree of accuracy and a wide range of applicability.

A room has been set aside for the study of X-ray and vacuum discharge phenomena and of high tension electrical discharges. The fullest and freest facilities for advanced laboratory work are afforded to all students able and willing to use them.

Geology

Course I. DYNAMICAL GEOLOGY.—Winds, Weathering, Rivers, Glaciers, Lakes, The Oceans, Volcanoes, Earthquakes.

STRUCTURAL GEOLOGY.—Rock-forming Minerals, Composition and Structure of Rocks. Physiographic Structure.

Four hours a week. One Semester.

Course II. HISTORICAL GEOLOGY.—Archaean, Paleozoic, Mesozoic, Cenozoic and Psychozoic Eras.

Four hours a week. One Semester.

Surveying.

Course I. Use, adjustment and care of instruments. Measurement of lines, bearings and angles. Compass methods. Traverse with transit and chain or tape. Stadia methods. Leveling and profile work. Elementary topographic methods. Computations and plotting or mapping of data. Prerequisite: Mathematics II.

Text: Breed and Hosmer, Elementary Surveying.

Three hours a week. Two semesters.

Course II. Triangulation, and astronomical observations for azimuth, latitude and time. Precise leveling. Trigonometric and barometric leveling. Topographic surveying with stadia and plane table. Photographic surveying. Hydrographic surveying. Map projections and map construction. Prerequisite: Surveying I.

Text: Breed and Hosmer, Higher Surveying.

Five hours a week. Two semesters.

Course III. A brief elementary course in Military Map Reading, Surveying and Sketching.

Text: Sherill's Military Topography.

Navigation.

The compass and compass error. Piloting. Plane, traverse, parallel, Mercator, and great circle sailings. Dead reckoning. Nautical astronomy. Time and the Nautical Almanac. Latitude, longitude and azimuth determinations. Lines of position and the practice of navigation. Weather, tides and currents. Prerequisite: Mathematics II.

Text: Bowditch's American Practical Navigator.

Five hours a week. Two semesters.

Astronomy

Course I. The Doctrine of the Sphere. The Earth, Moon, Sun, Eclipses. Celestial Mechanics. The Planets and Asteroids. Comets and Meteors. The Stars. Uranography.

Practice: Use of the 'Transit Circle and of the Equatorial. Use of the Ephemeris. Calculation of Eclipses. Use of the Spectroscope.

Text: Young's General Astronomy.

Four hours a week. One Semester.

Biology

Course I and II. GENERAL BIOLOGY. Two lectures and three laboratory hours a week. Two semesters.

Course III. GENERAL PHYSIOLOGY. Two lectures and three laboratory hours a week. One semester.

Drawing

Courses I and II. FREE-HAND and MECHANICAL DRAWING. Four hours a week. Two semesters.

Courses III and IV. DESCRIPTIVE GEOMETRY. Four hours a week: two semesters. Prerequisite: Trigonometry and Drawing I.

Courses Leading to Engineering, Medicine and Teaching

Aside from the educational value of mathematics and the sciences, the University, in offering courses in these subjects, has in view the fitting of young men for professional studies in the various branches of engineering, in medicine, and in teaching. Nothing helps so much to rapid advancement in the profession as full intellectual development and general preparedness before entering upon strictly technical studies.

Course IV in physics, I, II and III in chemistry, I and II in biology, together with other courses from the general curriculum, enable students preparing for medicine to meet the advanced requirements for entrance into medical schools.

Courses I to VIII in physics, I to X in chemistry, I to XI in mathematics, I to IV in drawing, and I and II in biology furnish pre-engineering students with credits covering the theoretical portion of the first two years of all kinds of engineering in most professional schools.

Students aspiring to the position of teachers of science or mathematics in High Schools will have abundant preparation by pursuing the above-mentioned courses. Instruction will be given on methods of teaching these subjects.

Finally, a lesser degree of preparation will enable apt students to secure positions as laboratory assistants in professional schools, thereby reducing the cost of their technical training.

SEMINAR.—At stated periods the members of the advanced science courses will meet to discuss, under the direction of the professors, current scientific topics of interest and importance. The subjects for discussion will be treated in their historical, theoretical and practical bearings, with the object of bringing the student into close touch with the problems and achievements of modern science and industry.

Education

The University is empowered by the State Superintendent of Public Schools to grant without further examination to graduates of the A. B. Course who have completed the required courses in Education and Psychology a Teacher's Certificate valid for three years; which, before the expiration of that period, may become a Life Certificate on presentation to the State Superintendent of testimonials of successful teaching during sixteen months of the three-year time. A minimum of 15 semester hours is required, six of which must be given to Psychology, three each to Practice Teaching, and to the Methods or Principles of Education; the remainder may be elected from the other courses outlined below.

I. Psychology, General.

Rational and empirical psychology. (See under Philosophy, page 255.)

Five hours.

II. Psychology, Educational.

Facts and principles of psychology as they bear on the problems of the class room: physical growth, mental development, instinct, heredity, memory, nerves, attention, fatigue, individuality, abnormality, etc.

Three hours.

III. Paidology.

Physiology and psychology of childhood and adolescence in their application to educational management.

Three hours.

IV. History of Education.

Primitive, oriental, Greek, Roman, Byzantine, Medieval education; theories, methods and ideals.

Three hours.

V. History of Education.

Modern Education: The Renaissance, sequence of modern educational leaders, movements, tendencies, in the modern states of Europe and America.

Three hours.

VI. Principles of Education.

The physiological, economic, social, political, moral and religious aspects of education. Lectures, discussions, assigned readings, reports.

Three hours.

VII. Practice Teaching.

Ample opportunity is afforded students who are admitted to these courses to practice under proper guidance in the University Academy, and the adjacent public and parochial schools.

Three hours.

VIII. Methods of Education.

Educational procedure in general, theory and practice. Classroom management. A detailed study of the methods of recitation. Lectures, assigned readings, discussions.

Three hours.

IX. Secondary Education.

Study of the development of the various types of secondary schools; particularly those of today in the United States, with special attention to the purpose and value of each subject, and to the methods of teaching each.

Three hours.

X. School Organization.

Primary and High School organization; problems of grading; administration; courses, their groupings; promotion; school records.

Three hours.

Modern Languages.

French

Courses I and II.

French Grammar. The main object of this course is to help the student to acquire a vocabulary and prepare him for the reading of French prose. Frequent exercises involving the use of the more common French idioms. Conversational exercises based on the selections translated in the class-room.

Four hours a week. Two Semesters.

Courses III and IV.

Brief repetition of the work of the first year. Syntax. Reading of the more difficult selections. Original Composition.

Three hours a week. Two Semesters.

Courses V and VI.

Readings from the various periods of French literature. Lectures on contemporary writers. The short story in modern French literature. The elements of Romance philology.

Three hours a week. Two Semesters

Spanish

Courses I and II.

Drill in pronunciation; elementary grammar. Translation of easy Spanish sentences. Conversation and written themes based on text translated.

Four hours a week. Two Semesters.

Courses III and IV.

Grammar continued. Translation of short, easy Spanish stories. Conversation and written themes.

Four hours a week. Two Semesters.

Courses V and VI.

Selections from classical Spanish authors. Conversation and written themes.

Three hours a week. Two Semesters.

German

Courses I and II.

The elements of German Grammar. Translation of easy sentences from English into German. Conversational exercises based on the selections given in the text-book.

Four periods a week. Two Semesters.

Courses III and IV.

Reading of more difficult selections. Conversational exercises based on the selections read. Reproduction of short selections by the student.

Four periods a week. Two Semesters.

Elocution

Course I.

Vocal Culture and Gesture Drill of preceding year reviewed and perfected. Analysis of the passions; interpretation and delivery. Concert Drill.

One hour a week. Two Semesters.

Course II.

Interpretation and rendition of oratorical and poetical selections. Character study and interpretation. Concert Drill.

One hour a week. Two Semesters.

Course III.

Theory and Practice. Interpretation and rendition of various species of dramatic selections; Tragedy, Comedy, etc. Dialogues and Scenes. Descriptive and Narrative Readings.

One hour a week. Two Semesters.

Course IV.

Theory and Practice. Mutual criticism of interpretation and delivery. Discussion. Dramatic and Bible Readings. Extempore Speaking.

One hour a week. One Semester.

N. B.—Much private instruction is given in preparation for public and private contests and for dramatic performances.

Vocal Music

Membership in the Glee Club will be open to those students who possess the required qualities of voice and who can be taught to read music of moderate difficulty.

Instrumental Music

Membership in the Orchestra is open to those who have sufficiently mastered the technic of some orchestral instrument.

Geophysical Observatory

Seismological and Meteorological Divisions

DIRECTOR: J. B. GOESSE, S. J.

Seismology and Meteorology with their kindred branches offer vast fields for scientific research. Jesuit institutions like those Manila, Zikawei, Havana, and Ebro-Tortosa, have earned world-wide recognition for their work in geophysical problems. St. Louis University is trying to emulate their example.

Acknowledgments

The University, like every other private educational institution, is dependent on its friends for every necessary aid in prosecuting and developing its work, and it trusts to their generosity and their zeal for the higher things for help in bringing desired improvements to a successful issue. The President and Faculty wish to express their grateful acknowledgments for the kindly spirit manifested by those who are active in forwarding the interests of the University.

The Trustees of the University gratefully acknowledge the princely gift of the books on art by

MR. J. PIERPONT MORGAN,

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The Trustees of the University also gratefully acknowledge a generous donation of 450 volumes of valuable books, made by

MRS. EDWARD BUTLER, JR.,

St. Louis, Mo.

To the Misses Agnes and Nellie Logue, St. Louis, Mo., special thanks are due for a collection of books, 145 volumes.

We desire also to acknowledge the following donations

To the University Library:

- American Telephone & Telegraph Co., 1 vol.
American Red Cross, 2 vols.
American Sugar Refining Company, 1 vol.
Bakewell, Claude, 2 vols.
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Bunker Hill Monument Association, 1 vol.
Byrne, James, 1 vol.
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Cantwell, John, 12 vols.
Carnegie Endowment for International Peace, 21 vols. and 20 pamphlets.
Carnegie Foundation for the Advancement of Teaching, 2 pamphlets.
Carr, Marie J., 15 vols.
Central Verein, 1 vol.
Chicago Daily News, 1 pamphlet.
Chicago Historical Society, 3 pamphlets.
Chile, Republica de, 1 vol.
Comstock, Wm. C., Boston, 4 vols.
Constable & Co., London, England, 1 vol.
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 Bulletins.
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 Illinois State Historical Library, annual report.
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 Iowa State University, 1 vol. and 2 pamphlets.
 Japan Society, monthly bulletin.
 Johnson, Charles H., State Board of Charity, N. Y., 1 vol.
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- Missouri—Botanical Garden, monthly bulletin.
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- State University, bulletins.
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- Papin, E., 1 vol.
- Penrose, R. A. F., Philadelphia, 1 vol.
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- Manila Weather Bureau, monthly reports.
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- Schiff, M. L., N. Y. C., 1 pamphlet.
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- Art Museum, bulletins.
- Board of Education, 1 vol.
- Mercantile Library, monthly bulletins.
- Public Library, monthly bulletins, annual report.
- Smithsonian Institution, publications.

- Southern California, Academy of Sciences, bulletins.
 Shoemaker, F. C., Secretary Missouri Historical Society, 1 vol.
 Superintendent, Trent Canal, Peterborough, Ont., Canal Guide Book.
 Toomey, First Lieut., U. S. A., 4 pamphlets.
 Thomas, W. M., Board of Education, N. Y. C., 1 pamphlet.
 Universidad de la Habana, monthly bulletins.
 University of Queensland, 1 vol.
 University of Sidney, 1 vol.
 United States Brewers' Association, 1 vol.
 United States Steel Corporation, 1 vol.
 United States Government, publications.
 United States—Weather Bureau, Monthly Weather Review.
 Daily Weather Map, Washington.
 Local Office, M. W. Hayes, official, the Daily Weather Map, the Monthly Summaries.
 Missouri Section, George Reeder, official, the Climatological Data.
 Union Theological Seminary, N. Y. C., bulletin.
 Uruguay, Republica Oriental del, 1 vol.
 Veiller, L., and George Everson, N. Y. C., 1 vol.
 Washington University, St. Louis, bulletins.
 Walton, J. M., Philadelphia, 2 vols.
 Wesleyan College, Missouri, 1 vol.
 Wisconsin—Superintendent of Public Property, 2 vols.
 Geological and Natural History Survey, 2 vols.
 Yale University, 2 vols.
 Yerkes Observatory, 2 vols.

To the Museum:

Jacobs, Miss Catharine P.—Specimens of Indian bead work; curios.

To the Science Department:

Rivet, Antoine R.—Proceedings of the American Institute of Electrical Engineers for 1918.

Southwestern Bell Telephone Co.—The loan of 31 telephone head-receivers for use in the Radio and Buzzer School, September, 1917, to November, 1918.

Western Union Telegraph Co.—The loan of 15 telegraph keys and sounders, with fittings and connections, for use in the Radio and Buzzer School, September, 1917, to November, 1918.

Alumni and Student
Organizations

Sodality of the Blessed Virgin Mary

Erected 1835.

Director: Rev. William A. Padberg, S. J.

This society is a branch of an organization existing in almost every part of the world. Its object is the mutual aid and encouragement of its members in works of piety and charity. The exercises consist of weekly meetings, with the recitation of the Office of the Blessed Virgin and an instruction on some phase of Christian life; the monthly reception of the sacraments of penance and Holy Eucharist; and such activities as are compatible with the circumstances of the members.

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The University Sodality

Moderator: O. J. Kuhnmuensch, S. J.

This Society was begun in October, 1914, for the Catholic students of the Post-Graduate Courses. It makes it easy for its members to strive after and to attain that strong manly piety so desirable at the present time. It also affords many excellent means for the perfecting of the thorough Catholic Professional man.

Officers

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Louis S. Roberts, Med..		
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The Philharmonic Society

Organized 1838.

“The object of this association shall be: First—To conjoin and strengthen the musical interests of the University, and to enable the members to perfect the study of their art. Second—To foster the social relations of the University, and to contribute to the dignity and pleasure of University assemblies.

“Any member of the University is eligible to the association who has a sufficient knowledge of music and a sufficient musical technic to justify his admission into the Orchestra, the Band, the Glee Club, or into any other section which may hereafter be organized.”

Alumni Association

Organized Nov. 18, 1869; Reorganized 1888

Its object is "to strengthen the ties which unite the members to each other, and to the Institution at which they were educated." The constitution provides that any graduate or student of the St. Louis University may become a member of the Association, subject to the rules therein specified. Meetings for the purpose of social reunion are held at stated times.

Officers

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1918

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John B. Sullivan.....	Graduate Manager
Murray Cantwell.....	Student Manager
Ernest C. Quigley.....	Athletic Director

Philalethic Society

Organized 1832.

Its object is to foster a taste for eloquence, history and general literature, and to prepare its members for public speaking. Meetings are held weekly for debates, the discussion of original essays, or other literary exercises.

Students' Library Association

Organized 1855.

Moderator: Mr. J. A. Welfle, S. J.

It administers that section of the University Library which has been applied to the general use of the undergraduates and selected for their special needs. In connection with the Library is a reading room, which affords ample opportunities for acquiring information upon current topics and forming sound opinions upon important questions. Thirty-three leading magazines, reviews and journals, and a valuable collection of works of reference are at the service of the members.

Librarians

Frederick Hausgen
Stephen J. Burke
Henry Rhode

Ferdinand Keeven
Robert McCormick
George Prendergast
Henry Linn

The Scientific Society

This Society was organized in the autumn of 1914 in the College of Arts and Sciences for the purpose of exciting and maintaining among the students an enthusiastic interest in the various branches of natural science, of encouraging individual research and of offering an opportunity of practice in the art, so necessary to a professional man, of presenting to an audience in an attractive manner the results of private study.

"Fleur de Lis"

Established 1899.

THE FLEUR DE LIS is the organ of the University. Its purpose is to encourage literary efforts among the students, and to chronicle all matters of interest pertaining to the Institution. Special attention is given to a department reserved to the Alumni, and they are cordially invited to co-operate in making the Fleur de Lis a useful medium of intercommunication. The magazine depends on the patronage of the students and the friends of the University.

The Acolythical Society

The object of this society is to add to the solemnity of Divine Worship by the accurate observance of its rites and ceremonies, and to afford those students who have the necessary qualifications the honor of serving in the sanctuary.

Officers

John J. O'Brien.....	President
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James McHenry, Gerald C. Riley and Gregory Nooney..	Consultors

College Lecture Club

Director: Rev. Bernard A. Foote, S. J.

The Lecture Club is a student organization established a year ago for the purpose of giving illustrated lectures on inspiring Catholic subjects. The members of the club have spared neither pains nor labor in making each lecture interesting as well as historically accurate, in carefully preparing the speakers, and in gathering from all available sources in Europe and America, the best and most attractive illustrations of the subjects chosen for treatment. The lectures are given in Catholic schools, institutions, parish halls and before Catholic organizations.

Academy of Sacred Eloquence

Moderator: Rev. Thomas F. Wallace, S. J.

Special attention to sacred eloquence is given by students of the Philosophical Department who are preparing for the School of Divinity. Each student is required to write a sermon on a given text, and, after its approval, to deliver the same before the Faculty and students. Besides this, weekly meetings are held, at which the students, in regular succession, give brief sermons on assigned texts and render selections from Holy Scripture or Pulpit Oratory. The criticism then given is summed up by the moderator.

Campion English Academy

Moderator: Claude M. Bakewell, S. J.

This society, organized in 1890, is composed of students of the graduate School of Philosophy and Science. The object of the Academy is to give its members an opportunity for mutual encouragement and criticism, to accustom them to fluent and elegant writing, and to develop literary taste.

The Academy of Philosophy and Science

President: Joseph L. Scott, S. J.

This Association is composed of students of the Graduate Schools of Philosophy and Science. The object of the Academy is to encourage original research and study; to afford its members an opportunity for the presentation of Philosophic and Scientific thought in a popular and elegant English dress; and in general to promote fluent writing, literary taste, and a cultured scholarship along philosophical and scientific lines.

The Course of Lectures

Rubber: Its Production and Manufacture

• October 16.....Mr. R. Walsh

Variations of Systematic Species

November 20.....Mr. A. Hahn

Vaccines

December 18.....Mr. B. Sellmeyer

Canal Construction

January 15.....Mr. W. Gormaly

American Dyes and Dyestuff

February 12.....Mr. E. Barton

Electric Transmission for the Motor Car

February 26.....Mr. T. Reynolds

The Boy Christ in Art

March 14.....Mr. B. Horn

Camp and Army Sanitation

March 26.....Mr. J. Scott

Psychology in Education

April 9.....Mr. T. Lynam

Theological Academy

Moderator: Mr. Thomas Flaherty.

This society is composed of students of the Divinity School. Meetings are held bi-weekly, at which questions in Dogmatic and Apologetic Theology, in Biblical History and Exegesis are presented and discussed by the members.

The Ultimate Foundation of Obligation in International Law

October 9th.....Mr. Whipple

The Influence of the Church in the Development of City Hospitals

October 23rd.....Mr. Grueter

The Holy Sacrifice of the Mass

November 27th.....Fr. Erbacher

The Right to Work

December 11th.....Fr. Crowley

Modern Theories on the Resurrection of Christ

January 8th.....Mr. Donnelly

Evolution of Religion

January 29th.....Mr. Gruenthaner

The Hexaemeron

February 19th.....Mr. Doonan

Intolerance

March 5th.....Mr. Young

Organization and Development of Parishes in the United States

April 2nd.....Mr. Ellis

Christ's Teaching on the Kingdom of God

April 30th.....Mr. Cody

The High Schools And Commercial Department of St. Louis University

The Annual Catalogue, containing the names of Officers and Faculty, the Register of Students, the Course of Studies and information regarding the discipline, method, equipment, expenses, etc., is issued in June of each scholastic year. Classical, Scientific, English and Commercial Courses are offered in the High Schools.

Address:

Rev. Christopher J. Kohne, S. J., Loyola Hall, Compton and Eads Avenues, St. Louis, Mo.

Rev. Patrick J. Phillips, S. J., St. Louis University, Grand Avenue and West Pine Boulevard, St. Louis, Mo.

Scholarships

The University offers seven Free Scholarships for the year 1918-1919 to the boys of the Parish schools of the Archdiocese of St. Louis and vicinity. These scholarships will be awarded by competitive examinations to boys of the Eighth Grade. The candidate who passes the best examination will receive a scholarship covering both the High School and College courses; its value is \$720. The six other successful competitors will receive a scholarship in the High School; its value is \$320.

The examinations will be held on

SATURDAY, MAY 10, 1919.

at 9 A. M., in the St. Louis University, Grand Avenue and West Pine Boulevard.

THE
JOHN C. GREGG
LIBRARY

BULLETIN

OF

ST. LOUIS UNIVERSITY



CATALOGUE NUMBER

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Volume Fifteen

Number Six

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NUMBER SIX

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Directory

College of Arts and Sciences—Grand Avenue and West Pine Boulevard. Address: St. Louis University, St. Louis, Mo.

School of Divinity—West Pine Boulevard. Address: St. Louis University, St. Louis, Mo.

School of Philosophy and Science—Lindell Boulevard. Address: St. Louis University, St. Louis, Mo.

School of Medicine—Address: 1402 S. Grand Avenue, St. Louis, Mo.

St. Louis College of Dentistry—School of Dentistry of St. Louis University. Address: 3554 Caroline Street, St. Louis, Mo.

Institute of Law—Address: St. Louis University Institute of Law, 3642 Lindell Boulevard, St. Louis, Mo.

School of Commerce and Finance—Grand Avenue and West Pine Boulevard. Address: St. Louis University, St. Louis, Mo.

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University Calendar

1920.

February 2.	Second Semester begins.
February 21.	Annual Retreat for Professional Schools.
February 22.	Washington's Birthday.
February 23.	Disputations—Divinity.
February 24.	Disputations—Philosophy.
March 3.	Catechetical Essay Announced.
March 29.	Annual Retreat—Arts and Sciences.
April 1.	Easter Recess.
April 4.	Easter.
April 7.	Thesis Day—Law.
April 8.	Oratorical Contest.
April 12.	Intercollegiate English Contest.
April 14.	Intercollegiate Latin Contest.
May 4.	Elocution Contest.
May 10.	Examinations—Law.
May 12.	Examinations—Senior Medical.
May 21.	Examinations—Medical and Dental.
May 31-June 3.	Annual Commencements.
September 13.	Registration—Arts and Sciences.
September 13-14.	Entrance Examinations and Registration— Law.
September 20.	Session begins—Night Law.
September 27.	Session begins—Day Law.
September 27.	Sodalities Reorganize.
September 28.	Solemn Mass of the Holy Ghost.
October 4.	Session begins—Medical and Dental.
October 4.	Session begins—Commerce and Finance.
October 8.	First Semester—Post-Graduate Law.
November 12.	Solemn Requiem Mass for deceased Professors and Students.
November 22.	Disputations—Divinity and Philosophy.
November 25.	Thanksgiving Day.
December 23.	Christmas Recess begins.

1921.

January 3.	Classes Resumed.
January 17.	Mid-Year Examination.

A. M. D. G.

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- JOSEPH J. REILLY, A. B., M. D., Wall Building.
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- JOHN E. RILEY, D. R. Francis, Bro. & Co.
Lecturer on Investments.
- ALEXANDER H. ROBBINS, LL. B., Institute of Law.
Advocacy, Evidence, Conflict of Laws, Real Property.

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Professor of Clinical Dentistry.
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Professor of Orthodontia.
- THEODORE H. ROMEISER, M. D., Metropolitan Building
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- GEORGE RUEPPEL, S. J., University.
Librarian.
- REV. WILLIAM J. RYAN, S. J., A. M., M. S., University.
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- EUGENE T. SENSENEY, A. B., M. D., Lister Building.
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- JAMES W. SHANKLAND, D. M. D., M. D., Metropolitan Bldg.
Instructor in Surgery.
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Regent of School of Divinity and of School of Philosophy
and Science.
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- NORVELLE W. SHARPE, M. D., 3520 Lucas Ave.
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Assistant in Nose, Throat and Ear Diseases.

- J. SHEPPARD SMITH, V.-P., Mississippi Valley Trust Co.
Lecturer on Investments.
- REV. JOSEPH L. SPAETH, S. J., A. M., University.
Professor of Dogmatic Theology and Hebrew.
- VICTOR C. STECHSCHULTE, S. J., A. M., University.
Professor of Physics.
- VICTOR STEMPPF, C. P. A., B. S. C., University.
Lecturer on Accounting.
- HARRY R. STOCKER, LL. B., Times Building.
Lecturer on Contracts.
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- GUY STUDY, Security Building.
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Assistant Professor of Anatomy.
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Insurance.
- LEW R. THOMASON, LL. B., Institute of Law.
Ex-member Missouri Board of Law Examiners,
Constitutional Law.
- WILLIAM M. TOMPKINS, LL. B., Institute of Law.
Law of Damages.
- CAPT. ALVAR GOULD THOMPSON, 2609 S. Grand Ave.
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Professor of Economics and Political Science.
Secretary of School of Commerce and Finance.

JOHN LEO TIERNEY, A. M., M. D., University Club Bldg.
Assistant in Medicine.

RANDALL S. TILLES, M. D., Metropolitan Building.
Instructor in Obstetrics and Gynecology.

MILES B. TITTERINGTON, M. D., Metropolitan Bldg.
Instructor in Radiography.

EDWARD A. TOBIN, A. M., LL. B., Rialto Building.
Lecturer on Bailments.

THOMAS J. TOBIN, Wabash Railroad.
Lecturer on Railway Accounting.

DAVID McCLAY TODD, A. M., M. D., 4523 Page Avenue
Instructor in Anatomy.

REV. CAMILLE TORREND, S. J., Bahia, Brazil.
Collector of Specimens, Natural History.

LISTER TUHOLSKE, A. B., M. D., 453 N. Taylor Avenue.
Assistant in Anatomy.

ALOIS E. TUREK, M. D., 2109 Arsenal Street.
Instructor in Medicine.

HILLEL UNTERBERG, M. D., 529 Frisco Building.
Instructor in Nervous Diseases.

HARRY T. UPSHAW, B. S., M. D., 3962 Botanical Avenue.
Assistant in Medicine.

WILLIAM H. VOGT, M. D., Metropolitan Building.
Instructor in Gynecology and Obstetrics.

JAMES A. WAECHTER, LL. B., Institute of Law.
Damages.

- EDWIN H. WAGNER, C. P. A., Arcade Building.
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- REV. THOMAS WALLACE, S. J., A. M., University.
Ethics and Natural Law.
- BOOZ. B. WATKINS, Boatmen's Bank Building.
Lecturer on Contracts.
- S. A. WEINTRAUB, M. D., University Club Building.
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- WILLIAM WEISS, M. D., 3661 Lafayette Avenue.
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- ORVILLE O. WHITE, B. S., 1402 S. Grand Ave.
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- T. WISTAR WHITE, M. D., Lister Bldg.
Instructor in Pediatrics.
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- ALFRED CHIPLEY WILSON, LL. B., Institute of Law.
Bankruptcy.
- CHAPMAN, WILTON D., LL. B., Institute of Law.
Insurance.
- GEORGE B. WINTER, D. D. S., Frisco Building.
Professor of Exodontia.
- WILLIAM F. WOERNER, LL. B., Institute of Law
Wills and Administration
- JOHN ZAHORSKY, A. B., M. D., Lister Building.
Professor of Children's Diseases.
- ALFRED ZELLER, S. J., University.
Custodian of Laboratories.

Register of Students

List of Abbreviations.

Md.—Medicine. Dn.—Dentistry. Lw.—Law. C.F.—Commerce and Finance. Dv.—Divinity. Ph.—Philosophy and Science. Ar.—College of Arts. P.G.—Post-Graduate. P.M.—Pre-medical College Year. Sp.—Special.

The Roman numeral indicates the first, second, third or fourth year in the Student's Course.

Aburatani, Jugi.....	II. C. F.....	Japan.
Ahearn, Terence H.....	I. Dv.....	Illinois.
Ahlers, Frederick J.....	II. C. F.....	Missouri.
Albinson, Harold G.....	I. C. F.....	Missouri.
Albrecht, Harry.....	I. C. F.....	Missouri.
Alexander, Calvert P.....	II. Ar.....	Missouri.
Alexander, John H.....	I. Ar.....	Missouri.
Allen, Charles C., Jr.....	IV. Lw.....	Missouri.
Alles, John A.....	II. C. F.....	Missouri.
Almstedt, Roland P.....	III. C. F.....	Missouri.
Alston, William H.....	III. Lw.....	Illinois.
Altheide, John Paul.....	II. Md.....	Missouri.
Amend, Francis D.....	I. C. F.....	Missouri.
Anchors, George Raymond.....	III. Dn.....	New Jersey.
Anderson, John Galen.....	III. Dn.....	Missouri.
Androff, Philip S.....	V. Lw.....	Missouri.
Appel, Miss Bertha.....	I. C. F.....	Missouri.
Applebaum, H. C.....	Sp. C. F.....	Missouri.
Armbruster, C. Pierre.....	IV. Latw.....	Missouri.
Arnold Frederic A.....	IV. Div.....	Canada.
Arthur, Robert A.....	III. C. F.....	Missouri.
Ashash, J. Thomas.....	I. Ph.....	Canada.
Auler, Alphonse H.....	Sp. C. F.....	Missouri.
Baird, Blanchard Maurice.....	II. P. M.....	Illinois.
Baker, Daniel W.....	Sp. Ar.....	Missouri.
Baker, Ernest E.....	V. Lw.....	Missouri.
Bakewell, Robert U.....	II. Ph.....	Missouri.
Baldus, Frederick M.....	II. Dv.....	Idaho.

Balfay, F. J.....	II. C. F.....	Missouri.
Bandeen, O. I.....	I. C. F.....	Missouri.
Bank, August H.....	II. C. F.....	Missouri.
Bardwell, Edward C.....	I. C. F.....	Missouri.
Barger, Chas. G.....	II. C. F.....	Missouri.
Barken, Michael B.....	II. C. F.....	Missouri.
Barker, Ralph Arthur.....	I. Dn.....	Montana.
Barman, Howard Henry.....	II. P. M.....	Ohio.
Barnes, Raymond F.....	II. P. M.....	Missouri.
Barnicle, Jos. R.....	I. C. F.....	Missouri.
Barr, Alonzo F.....	III. Lw.....	Missouri.
Barranger, Paul M.....	I. Dv.....	France.
Barry, Joseph L.....	I. C. F.....	Missouri.
Barszcewski, Anthony J.	I. Ph.....	Poland.
Barthelme, Francis Lorraine.....	II. Md.....	Illinois.
Barton, Elmer Alfred.....	III. Ph.....	Michigan.
Barton, Joseph Roy.....	I. Md.....	Michigan.
Bass, N. H.....	I. C. F.....	Missouri.
Baston, Chas.	Sp. C. F.....	Missouri.
Batson, Oscar Vivian.....	IV. Md.....	Missouri.
Bartylak, Ladislaus S.....	III. Dv.....	Illinois.
Batres, Oscar Armando.....	I. Dn.....	El Salvador, C. A.
Batte, H. Louis.....	I. Ph.....	Canada.
Baumann, Charles Hugo.....	II. P. M.....	Illinois.
Baumberger, Eugene F.....	II. C. F.....	Missouri.
Baxter, Charles R.....	II. C. F.....	Missouri.
Bay, Frank N.....	III. Md.....	Iowa.
Beattie, John W.....	II. C. F.....	Missouri.
Beck, Eugene	II. Dv.....	Alsace.
Beckham, Ben A.....	I. Dn.....	Missouri.
Beeson, Wilbur M.....	I. C. F.....	Missouri.
Bellock, Raymond F.....	III. Ph.....	Illinois.
Below, Frank X.....	II. Ar.....	Missouri.
Bennett, Foster L.....	III. Lw.....	Missouri.
Bennett, James D.....	III. C. F.....	Missouri.
Bennick, Walter E.....	I. Lw.....	Missouri.

Bergman, John Philip.....	III. <i>Ph.</i>	Illinois.
Bergwald, Robert Parkhurst.....	IV. <i>Md.</i>	Wisconsin.
Berkmeyer, Charles.....	II. <i>C. F.</i>	Missouri.
Bernard, Horatio J.....	I. <i>Lw.</i>	Illinois.
Bernstorff, Paul Hammond.....	IV. <i>Md.</i>	Missouri.
Bertram, F. A.....	II. <i>C. F.</i>	Missouri.
Beste, Walter H.....	II. <i>C. F.</i>	Missouri.
Betten, Francis S.....	I. <i>Lw.</i>	Illinois.
Beuchat, Lee Joseph.....	I. <i>Md.</i>	Colorado.
Bevan, Roy Arnold.....	I. <i>Dn.</i>	Missouri.
Beyer, Herman D.....	III. <i>C. F.</i>	Missouri.
Bindner, Clifford J.....	I. <i>Lw.</i>	Missouri.
Bischof, Chas. E.....	I. <i>C. F.</i>	Missouri.
Black, Ben C.....	I. <i>Lw.</i>	Missouri.
Black, Ercil L.....	I. <i>Lw.</i>	Missouri.
Blackwood, Samuel Hale.....	I. <i>Dn.</i>	Arkansas.
Blades, Fred H.....	V. <i>Lw.</i>	Missouri.
Blaha, Joseph Albert.....	I. <i>Dn.</i>	Illinois.
Blase, Fred A.....	II. <i>C. F.</i>	Missouri.
Bloomer, Louis A.....	I. <i>Ph.</i>	Wisconsin.
Bloomsma, H. L.....	II. <i>C. F.</i>	Missouri.
Blumenfeld, Selden A.....	I. <i>Lw.</i>	Illinois.
Boardman, C. H.....	III. <i>C. F.</i>	Missouri.
Bobel, Frank O.....	I. <i>C. F.</i>	Missouri.
Boehl, Henry V.....	I. <i>C. F.</i>	Missouri.
Boehl, P. L.....	Sp. <i>C. F.</i>	Missouri.
Bofenkamp, Ferdinand W.....	II. <i>Md.</i>	Minnesota.
Bogart, Harry George.....	III. <i>Md.</i>	New York.
Boggiano, L. J.....	II. <i>C. F.</i>	Missouri.
Bohne, William Ranke.....	III. <i>Md.</i>	Indiana.
Boisliniere, Louis C.....	I. <i>Ar.</i>	Missouri.
Boka, Alex. J.....	Sp. <i>C. F.</i>	Missouri.
Bolte, John A.....	II. <i>Dv.</i>	Ohio.
Bonacci, Michael James.....	III. <i>Md.</i>	Wisconsin.
Bonham, Frank Vernon.....	III. <i>Dn.</i>	Illinois.
Bork, Augustine A.....	II. <i>Ph.</i>	Ohio.

Bornschein, Leonard L.....	III. <i>Lw.</i>	Missouri.
Boschert, H. F.....	I. <i>C. F.</i>	Missouri.
Bothe, Albert H.....	I. <i>C. F.</i>	Missouri.
Bouscaren, Rev. Pierre B.....	IV. <i>Dv.</i>	Ohio.
Bouscaren, Timothy Lincoln.....	III. <i>Ph.</i>	Ohio.
Bowdern, William S.....	II. <i>Ph.</i>	Missouri.
Boyle, Clyde Kennedy.....	II. <i>Dn.</i>	Illinois.
Boyle, James Gordon.....	I. <i>Dn.</i>	Missouri.
Boyle, Stephen A.....	II. <i>Dv.</i>	Iowa.
Brandau, C.....	I. <i>C. F.</i>	Missouri.
Braden, David Ritchey.....	IV. <i>Md.</i>	Missouri.
Brandt, Oliver James.....	I. <i>Dn.</i>	Missouri.
Brass, John George Beadle.....	IV. <i>Md.</i>	England.
Braucourt, E. F.....	III. <i>C. F.</i>	Missouri.
Bramer, Max L.....	I. <i>Lw.</i>	Missouri.
Brennan, Emmet J.....	I. <i>C. F.</i>	Missouri.
Brennan, Michael Earl.....	III. <i>Md.</i>	Illinois.
Brennan, William A.....	I. <i>Lw.</i>	Missouri.
Brennan, William Vasquez.....	I. <i>Dn.</i>	Missouri.
Brickey, Raymond Davis.....	I. <i>Dn.</i>	Missouri.
Bridge, J. H.....	III. <i>C. F.</i>	Missouri.
Brier, Archibald John.....	II. <i>P. M.</i>	Kansas.
Bries, Frank J.	IV. <i>Md.</i>	Iowa.
Brinkhaus, Armand Louis.....	I. <i>Md.</i>	Louisiana.
Brinckwirth, Louis H.....	II. <i>Lw.</i>	Missouri.
Brock, David Walter.....	III. <i>Dn.</i>	Missouri.
Broeker, Ralph Joseph.....	III. <i>Dn.</i>	Missouri.
Brogan, Joseph H.....	III. <i>Lw.</i>	Missouri.
Brown, Clyde M.....	III. <i>Ar.</i>	Illinois.
Brown, Miss Frances H.....	Sp. <i>C. F.</i>	Missouri.
Brown, Francis M.....	<i>Grad. Sc.</i>	Kentucky.
Bruce, Ryland C.....	I. <i>C. F.</i>	Missouri.
Brucker, Hartford F.....	II. <i>Ph.</i>	Ohio.
Bruening, Miss Bertha M.....	III. <i>C. F.</i>	Missouri.
Bryant, Robert T.....	I. <i>Dv.</i>	Alabama.
Brzezinski, S. Edward.....	I. <i>Ph.</i>	Illinois.

Buchmann, Arthur M.	I. C. F.	Missouri.
Buckner, Harry F.	Sp. Lw.	Missouri.
Budde, Charles August	III. Dv.	Iowa.
Buhrmester, A. C.	II. C. F.	Missouri.
Burch, Leslie Alexander	III. Dn.	Missouri.
Burns, Bernard Charles	I. Md.	Kansas.
Burns, Chester A.	I. Ph.	Ohio.
Burns, Virgil H.	I. C. F.	Missouri.
Burns, William J.	I. Lw.	Missouri.
Burris, Wallace Miles	I. Dn.	Missouri.
Burroughs, William Henry	II. Md.	Indiana.
Bushek, James	Sp. C. F.	Missouri.
Butler, Charles O.	I. Lw.	Illinois.
Butler, James F.	II. Ph.	Indiana.
Byrne, James	II. Ar.	Missouri.
Byrne, Louis S.	I. Lw.	Missouri.
Cahill, Edgard D.	I. Ar.	Missouri.
Callan, Patrick Laurence	III. Md.	Wisconsin.
Calman, Paul H.	III. Lw.	Missouri.
Calman, William A.	I. C. F.	Missouri.
Camenzind, Albert Joseph	III. Dv.	Ohio.
Cameron, James	II. C. F.	Missouri.
Campbell, David V.	I. Lw.	Missouri.
Campbell, Elmer	III. Dn.	Illinois.
Campbell, Leslie M.	Sp. C. F.	Missouri.
Canelo, Clarence Kelly	I. Md.	California.
Cantwell, John E.	III. Ar.	Missouri.
Cantwell, Murray	IV. Ar.	Missouri.
Carey, Michael Joseph	II. P. M.	Nebraska.
Carl, M. J.	I. C. F.	Missouri.
Carpinello, Edward Alfred	II. Md.	New York.
Carrigan, Edward F.	II. Ph.	Michigan.
Carroll, Paul L.	I. Ph.	Missouri.
Carson, Chester Leo	I. Dn.	Missouri.
Carter, William P.	III. Lw.	Missouri.
Cassidy, Leslie Denis	IV. Md.	Georgia.

Castle, Meyer.....	III. <i>Dn.</i>	Colorado.
Catlin, Miss Hattie M.....	I. <i>C. F.</i>	Missouri.
Chartrand, Edward V.....	I. <i>C. F.</i>	Missouri.
Cheney, Ralph Edwin.....	III. <i>Md.</i>	Kansas.
Chenot, Albert L.....	I. <i>C. F.</i>	Missouri.
Chenoweth, Avery Hobart.....	II. <i>Dn.</i>	Illinois.
Chesterson, Warren Glenn.....	I. <i>Dn.</i>	Indiana.
Christeson, Edgar Lee.....	III. <i>Md.</i>	Missouri.
Clark, Lawrence I.....	I. <i>Md.</i>	Ohio.
Clancy, Charles J.....	III. <i>Lw.</i>	Missouri.
Clancy, Patrick Joseph.....	II. <i>Lw.</i>	Missouri.
Clancy, Thomas J.....	I. <i>C. F.</i>	Missouri.
Clay, Calvin	III. <i>Md.</i>	Missouri.
Cleary, Joseph I.....	III. <i>Lw.</i>	Missouri.
Clement, Frank J.....	II. <i>C. F.</i>	Missouri.
Clesse, Miss Frances A.....	II. <i>C. F.</i>	Missouri.
Clifford, Francis Clair.....	III. <i>Md.</i>	Ohio.
Clifford, Rev. John J.....	IV. <i>Dv.</i>	Illinois.
Clyde, Cornelius G.....	II. <i>C. F.</i>	Missouri.
Cody, Alexander J.....	II. <i>Dv.</i>	California.
Coghill, Earl E.....	III. <i>C. F.</i>	Missouri.
Cohen, Max.....	II. <i>C. F.</i>	Missouri.
Colfer, Thomas F.....	I. <i>Ar.</i>	Missouri.
Collier, Charles W.....	I. <i>C. F.</i>	Missouri.
Collins, George W.....	I. <i>Lw.</i>	Missouri.
Connole, Lee J.....	II. <i>Lw.</i>	Illinois.
Connelly, Cecil Clayton.....	III. <i>Dn.</i>	Missouri.
Connor, Harold.....	III. <i>Lw.</i>	Missouri.
Connors, William P.....	I. <i>C. F.</i>	Missouri.
Conron, Thomas S.....	I. <i>Dv.</i>	Illinois.
Conway, Daniel H.....	II. <i>Ph.</i>	Colorado.
Conway, John F.....	II. <i>Dv.</i>	Colorado.
Cook, Lemuel James.....	III. <i>Dn.</i>	Missouri.
Corcoran, Charles T.....	II. <i>Ph.</i>	Wisconsin.
Corcoran, James Harold.....	I. <i>Dn.</i>	Missouri.
Cordes, John J.....	II. <i>Ph.</i>	Iowa.

Corey, Anthony Hubert.....	III. <i>Dv.</i>	Minnesota.
Crimmins, Henry Benedict.....	III. <i>Ph.</i>	Iowa.
Cornbleet, Theodore	I. <i>Md.</i>	Missouri.
Cotter, Steven Vincent.....	IV. <i>Md.</i>	New York.
Covington, Warren S.....	I. <i>C. F.</i>	Missouri.
Cowan, James M.....	I. <i>Dv.</i>	Canada.
Cox, Ralph R.....	I. <i>Ar.</i>	Missouri.
Coyle, James Daniel, Jr.....	III. <i>Md.</i>	California.
Coyne, Horace J.....	II. <i>C. F.</i>	Missouri.
Crain, Lyman C.....	I. <i>C. F.</i>	Missouri.
Cranston, Elmer.....	I. <i>Dn.</i>	Oklahoma.
Cravens, Harvey G. Mudd.....	I. <i>Md.</i>	Missouri.
Creamer, Benjamin Franklin.....	II. <i>P. M.</i>	Pennsylvania.
Croghan, Thomas F.....	II. <i>Lw.</i>	Missouri.
Cronin, Carolan Stephen.....	II. <i>Md.</i>	California.
Crowe, Thomas Augusta.....	I. <i>Dn.</i>	Missouri.
Crowley, Edward Daniel.....	I. <i>Md.</i>	Michigan.
Cullen, Edward Emanuel.....	I. <i>Dn.</i>	Illinois.
Cullen, Francis Edward.....	III. <i>Md.</i>	Iowa.
Cummins, Eugene Joseph.....	II. <i>P. M.</i>	Missouri.
Cummins, J. Robert.....	II. <i>C. F.</i>	Missouri.
Curran, Clarence M.....	I. <i>C. F.</i>	Missouri.
Curran, E. Philpot.....	III. <i>Ar.</i>	Missouri.
Curran, Paul Stanley.....	III. <i>Md.</i>	Ohio.
Cusack, Lawrence Leo.....	III. <i>Ph.</i>	Iowa.
Cutter, Herbert G.....	II. <i>C. F.</i>	Missouri.
Czarnecki, Casimir Joseph.....	II. <i>Md.</i>	Ohio.
Dacey, James A.....	II. <i>Lw.</i>	Missouri.
D'Arcy, Timothy B.....	I. <i>C. F.</i>	Missouri.
Dahm, Paul J.....	III. <i>Ar.</i>	Missouri.
Dague, Paul O.....	II. <i>Lw.</i>	Kansas.
Dahm, William H.....	I. <i>C. F.</i>	Missouri.
Dailey, John Eugene.....	IV. <i>Md.</i>	Indiana.
Dalton, Arthur F.....	I. <i>Lw.</i>	Missouri.
Daly, Edward Joseph.....	I. <i>P. M.</i>	California.
Daly, Thos. P.....	II. <i>Dv.</i>	Georgia.

Daniels, McKinley H.....	I. C. F.....	Missouri.
Dannenmaier, W.....	I. C. F.....	Missouri.
Daugherty, Milton L.....	I. Lw.....	Missouri.
Davis, Walter W.....	V. Lw.....	Missouri.
De Asis, Cesareo.....	II. P. M.....	Philippine Islands.
Deck, Miss Gussye.....	II. C. F.....	Missouri.
Deckmeyer, Carl John.....	III. Md.....	Missouri.
Del Bosque, Rudolph M.....	I. C. F.....	Missouri.
Dempsey, Vincent Michael.....	III. Dn.....	Missouri.
Dent, Paul G.....	Sp. Ar.....	Missouri.
Dent, Paul.....	Sp. Ar.....	Missouri.
D'Haene, Rev. Ormond P.....	IV. Dv.....	Michigan.
De Haye, F. Marion.....	II. Ph.....	Illinois.
DeReinzo, Nicholas.....	I. Lw.....	Missouri.
Deters, A. A.....	II. C. F.....	Missouri.
Demko, Frank.....	I. Md.....	Missouri.
Denk, Albert Andrew.....	I. Md.....	Missouri.
Deyling, Mark Percy.....	I. P. M.....	Minnesota.
Diemert, Joseph John.....	III. Dv.....	North Dakota.
Dierker, Bernard J.....	IV. Ar.....	Nebraska.
Diersen, Aloysius J.....	II. Ph.....	Ohio.
Diethelm, Rudolph A.....	III. Md.....	Ohio.
Dietrich, Chas. J.....	Sp. C. F.....	Missouri.
Dillon, Thomas Francis.....	II. Dn.....	Illinois.
Dillon, William J.....	I. C. F.....	Missouri.
Dinzler, Martin C.....	I. C. F.....	Missouri.
Dirks, Henry R.....	I. C. F.....	Missouri.
Dixon, Millege Scott.....	I. Dn.....	Illinois.
Dobbs, Otto Ross.....	III. Md.....	Illinois.
Dodd, Geiser E.....	I. C. F.....	Missouri.
Doebber, Bernard J.....	I. C. F.....	Missouri.
Doerbaum, Geo. L.....	I. C. F.....	Missouri.
Doerr, Alfred J.....	I. C. F.....	Missouri.
Dolan, Leo Patrick.....	I. Md.....	Ohio.
Donahue, George Richard.....	I. P. M.....	Indiana.
Donnelly, Thomas James.....	III. Dv.....	Ohio.

Donoghue, Miss May E.....	I. <i>C. F.</i>	Missouri.
Donohue, Cyril P.....	I. <i>Ph.</i>	Wisconsin.
Donohue, Philip Francis.....	IV. <i>Md.</i>	Minnesota.
Donovan, William.....	Sp. <i>Ar.</i>	Missouri.
Donovan, Francis X.....	II. <i>Lw.</i>	Missouri.
Donovan, William P.....	III. <i>Md.</i>	Wisconsin.
Dooley, Arnold.....	I. <i>Lw.</i>	Illinois.
Doonan, Rev. John B.....	IV. <i>Dv.</i>	Georgia.
Doubek, John Charles.....	III. <i>Md.</i>	Missouri.
Dowd, William A.....	III. <i>Dv.</i>	Ohio.
Downey, Robert E.....	I. <i>C. F.</i>	Missouri.
Downs, Charles E.....	I. <i>Lw.</i>	Missouri.
Doyle, Miss Elizabeth J.....	II. <i>C. F.</i>	Missouri.
Doyle, Raymond Edward.....	III. <i>Md.</i>	Colorado.
Drace, Raymond Meridith.....	II. <i>Dn.</i>	Missouri.
Draper, David Burris.....	III. <i>Md.</i>	California.
Dreiling, Bernard J.....	IV. <i>Md.</i>	Kansas.
Dreyfus, Norman J.....	I. <i>Ph.</i>	Missouri.
Droste, Elmer.....	I. <i>Lw.</i>	Illinois.
Dryden, Miss Celeste.....	Sp. <i>C. F.</i>	Missouri.
Dubrouillet, J. Keane.....	I. <i>Lw.</i>	Missouri.
Duemler, John H.....	II. <i>P. M.</i>	Missouri.
Duerme, Francisco M.....	I. <i>P. M.</i>	Philippine Islands.
Duley, Foster R. E.	IV. <i>Lw.</i>	Illinois.
Dulitz, Edward Arthur.....	III. <i>Dn.</i>	South Dakota.
Duncan, Perry E.....	III. <i>Md.</i>	Mississippi.
Duvall, Hubert C.....	I. <i>C. F.</i>	Missouri.
Dwyer, Thomas Leo.....	II. <i>P. M.</i>	Missouri.
Dyer, John A.....	I. <i>Md.</i>	Kansas.
Eastman, George L.....	I. <i>Lw.</i>	Missouri.
Ebel, Joseph Anthony.....	IV. <i>Md.</i>	Missouri.
Egan, M. C.....	I. <i>C. F.</i>	Missouri.
Egan, Rev. Thomas A.....	IV. <i>Dv.</i>	Illinois.
Egaña, Gabinus E.....	II. <i>Dv.</i>	Spain.
Egart, Alphonse C.....	III. <i>C. F.</i>	Missouri.
Eggeman, Minot George.....	III. <i>Dn.</i>	Missouri.

Eggler, Alvin F.....	II. <i>Ar.</i>	Missouri.
Egle, Joseph L.....	II. <i>Md.</i>	Ohio.
Eisenbeis, Felix P.....	I. <i>C. F.</i>	Missouri.
Ellert, J. Peter.....	I. <i>Ph.</i>	Canada.
Ely, William D.....	III. <i>Lw.</i>	Missouri.
Ellis, Robert H.....	II. <i>C. F.</i>	Missouri.
Elz, Julius Theodore.....	IV. <i>Md.</i>	Missouri.
Emons, Clifford Wallace.....	II. <i>P. M.</i>	Illinois.
Epp, George John.....	IV. <i>Md.</i>	Missouri.
Epperly, James Melvin.....	I. <i>Dn.</i>	Missouri.
Epperly, Marvin Forrest.....	II. <i>Dn.</i>	Missouri.
Erbs, Oliver F.....	III. <i>Lw.</i>	Missouri.
Etter, Forrest Stayton.....	IV. <i>Md.</i>	Missouri.
Ewell, George Hobert.....	IV. <i>Md.</i>	Missouri.
Ewing, Thomas D.....	I. <i>Ph.</i>	Ohio.
Fagan, Geo. I.....	I. <i>C. F.</i>	Missouri.
Fahmi, Ahmed	II. <i>P. M.</i>	Egypt.
Fahrenholz, William Louis.....	III. <i>Dn.</i>	Missouri.
Farrell, Leo W.....	I. <i>Md.</i>	California.
Fattmann, C. Jerome.....	II. <i>C. F.</i>	Missouri.
Fecht, Clarence J.....	III. <i>C. F.</i>	Missouri.
Feierabend, Frank Leo.....	II. <i>Md.</i>	Missouri.
Feldmeier, Joseph C.....	II. <i>C. F.</i>	Missouri.
Ferris, Ralph Jacob.....	III. <i>Dn.</i>	Missouri.
Ferry, Paul William.....	III. <i>Md.</i>	Indiana.
Fett, Henry A.....	I. <i>C. F.</i>	Missouri.
Fiedler, Miss Martha.....	II. <i>C. F.</i>	Missouri.
Fiedler, Elsa.....	Sp. <i>C. F.</i>	Missouri.
Field, Chas. H.....	I. <i>C. F.</i>	Missouri.
Finnegan, James P.....	I. <i>Lw.</i>	Missouri.
Finnegan, Wm. A.....	I. <i>Ph.</i>	Illinois.
Finnigan, Frank Roman.....	IV. <i>Md.</i>	Kansas.
Fischmann, Nathan W.....	I. <i>Lw.</i>	Missouri.
Fisher, Alphonse L.....	I. <i>Dv.</i>	Kentucky.
Fisher, Armin.....	IV. <i>Md.</i>	Indiana.
Fischer, Oscar E.....	I. <i>C. F.</i>	Missouri.

FitzGerald, Leo Peter Thomas.....	I. <i>Md.</i>	California.
Fitzhugh, Benjamin Alfred.....	I. <i>Dn.</i>	Arkansas.
Flaherty, Rev. Thomas J.....	IV. <i>Dv.</i>	California.
Flanagan, Steward D.....	IV. <i>Lw.</i>	Missouri.
Flinn, James Michel.....	III. <i>Md.</i>	Montana.
Flotte, Bernard H.....	I. <i>Ar.</i>	Missouri.
Flotte, Sylvester Daniel.....	II. <i>Dn.</i>	Missouri.
Flynn, William B.....	II. <i>Lw.</i>	Missouri.
Fogarty, Daniel J.....	I. <i>Lw.</i>	Missouri.
Forrey, Louis W.	I. <i>Ph.</i>	Iowa.
Foster, Leon A.....	I. <i>Ph.</i>	Illinois.
Foulquier, Rev. Joseph H.....	IV. <i>Dv.</i>	France.
Fox, E. J.....	II. <i>C. F.</i>	Missouri.
Francis, Penrose Thomas.....	I. <i>Dn.</i>	Illinois.
Franey, J. Charles.....	I. <i>C. F.</i>	Missouri.
Franey, James C.....	I. <i>Lw.</i>	Missouri.
Franey, T. J.....	II. <i>C. F.</i>	Missouri.
Franke, Neil	II. <i>Dn.</i>	Illinois.
Frankel, Sol Irwin.....	II. <i>P. M.</i>	Missouri.
Frederick, Geo. A.....	II. <i>C. F.</i>	Missouri.
Fredrickson, Adolph Richard.....	IV. <i>Md.</i>	North Dakota.
Freeman, Spencer Lane.....	III. <i>Md.</i>	Missouri.
Freimuth, Louis Elmer.....	II. <i>Md.</i>	Missouri.
Freymann, Jean P.....	III. <i>Lw.</i>	Missouri.
Friel, James P.....	II. <i>Lw.</i>	Missouri.
Fries, Armand Dehner.....	II. <i>Md.</i>	Missouri.
Fruin, Richard L.....	I. <i>C. F.</i>	Missouri.
Frumson, Walter Lee.....	I. <i>P. M.</i>	Missouri.
Frutiger, Samuel Marvin.....	III. <i>Dn.</i>	Missouri.
Fry, Hobart.....	II. <i>Dn.</i>	Illinois.
Fuchs, George Joseph.....	III. <i>Md.</i>	Missouri.
Fulenwider, Harry W.....	II. <i>Lw.</i>	Missouri.
Furlong, Joseph F.....	I. <i>Lw.</i>	Missouri.
Gaard, Christopher C.....	IV. <i>Md.</i>	Iowa.
Gabler, Frederick A.....	II. <i>Lw.</i>	Missouri.
Gallagher, William Joseph.....	IV. <i>Md.</i>	Ohio.

Gannon, Thomas L.....	II. C. F.....	Missouri.
Gantner, George E.....	III. Lw.....	Missouri.
Garber, John H.....	I. Lw.....	Missouri.
Garcia, Octavio.....	II. Md.....	Texas
Garden, Max.....	II. C. F.....	Missouri.
Garrity, Julian A.....	I. Ph.....	Ohio.
Garside, Arthur Alphonsus.....	II. Md.....	Iowa.
Gedert, John Joseph.....	II. Md.....	Ohio.
Georgen, Joseph M.....	III. Dv.....	Illinois.
German, Walter A.....	III. Md.....	Kansas.
Gerritzen, Aloysius F. J.....	II. Lw.....	Missouri.
Gianotti, Ernest F.....	IV. Md.....	Utah.
Gibbons, Charles	I. Dn.....	B. Honduras.
Gibbons, Gerald.....	I. Dn.....	B. Honduras.
Gibbons, James R.....	I. Ph.....	Missouri.
Gibbs, Floy Francis.....	II. P. M.....	Missouri.
Gibson, Harry Walter.....	I. C. F.....	Missouri.
Gibson, Miss Helen E.....	II. C. F.....	Missouri.
Gierer, Chas. O.....	I. C. F.....	Missouri.
Giesecke, H.....	II. C. F.....	Missouri.
Gissy, Charles Joseph.....	III. Md.....	Missouri.
Gitcho, Miltiades John.....	III. Dn.....	Illinois.
Glaze, Kenneth Franklin.....	I. Md.....	Illinois.
Glenn, Elmer Edward.....	II. P. M.....	Missouri.
Glowacki, Ben Francis.....	III. Md.....	Ohio.
Glowinski, Theodore V.....	III. Ph.....	Illinois.
Godfrey, Dewey S.....	III. Lw.....	Missouri.
Goff, Arthur Clark.....	IV. Md.....	Illinois.
Golden, John M.....	II. Dv.....	Colorado.
Goldman, Joseph H.....	II. C. F.....	Missouri.
Golinvaux, Cletus Julius.....	III. Md.....	Iowa.
Gollub, Max.....	II. C. F.....	Missouri.
Golnik, Edward A.....	II. Dv.....	Illinois.
Gonzales, Manuel G.....	I. Lw.....	Missouri.
Gormaly, Wm. Patrick.....	III. Ph.....	Ontario.
Gossow, B. Geret.....	II. Md.....	Missouri.

Gould, Geo. F.....	I. C. F.....	Missouri.
Graham, Lawrence Franklin.....	III. Dn.....	Missouri.
Graham, Rev. William H.....	IV. Dv.....	Texas.
Grammer, Albert E.....	IV. Lw.....	Illinois.
Grant, Eugene Richard.....	I. Dn.....	Missouri.
Grash, Fred.....	II. C. F.....	Missouri.
Gray, Harry Joshua.....	III. Md.....	Kansas.
Green, Maurice Lytton.....	II. P. M.....	Illinois.
Greener, Harvey C.....	II. C. F.....	Missouri.
Greener, William E.....	I. C. F.....	Missouri.
Gregory, Gustav L.....	II. C. F.....	Missouri.
Griesedieck, August E.....	I. C. F.....	Missouri.
Grisham, Carl.....	I. C. F.....	Missouri.
Grob, J. L.....	II. C. F.....	Missouri.
Grogan, Frank Michael.....	II. P. M.....	Michigan.
Grueb, Paul Max.....	III. Md.....	California.
Gruenthaner, Michael Joseph.....	III. Dv.....	New York.
Grueter, Albert Bernard.....	III. Dv.....	Ohio.
Gschwend, Joseph A.....	II. Ph.....	Illinois.
Gschwend, William C.....	III. C. F.....	Illinois.
Gummell, W. J.....	Sp. C. F.....	Missouri.
Habenicht, Julius.....	IV. Lw.....	Missouri.
Hackett, Murtha J.....	V. Lw.....	Missouri.
Hackman, Alvin F.	III. Lw.....	Missouri.
Haile, Leon Campbell.....	IV. Md.....	Missouri.
Hales, E. M.....	II. C. F.....	Missouri.
Hall, Miss Lorena	I. C. F.....	Missouri.
Hall, Marshall Wesley.....	II. P. M.....	Illinois.
Hall, Thomas Bryan.....	I. Md.....	Missouri.
Hall, Thomas Gerald.....	II. Md.....	California.
Halleck, Paul Parker.....	IV. Md.....	Missouri.
Halloran, John A.....	II. C. F.....	Missouri.
Halloran, Joseph D.....	III. C. F.....	Missouri.
Halloran, Thomas J.	III. Lw.....	Missouri.
Halpin, Geo.....	I. C. F.....	Illinois.
Hamilton, Raphael Noteware.....	III. Ph.....	Nebraska.

Hampton, Gordon Christy.....	I. <i>Dn.</i>	Missouri.
Hanenkamp, Carl M.....	I. <i>C. F.</i>	Missouri.
Hanford, Wesley Wallace.....	I. <i>Md.</i>	Illinois.
Hanifan, Edmond P.	II. <i>Lw.</i>	Missouri.
Hannan, James J.....	I. <i>Dv.</i>	Iowa.
Hannan, Martin Leo.....	III. <i>Md.</i>	Illinois.
Hannibal, John Edward.....	II. <i>Md.</i>	Ohio.
Harbrecht, Sebastian James.....	IV. <i>Md.</i>	Michigan.
Harbough, Stephen B.....	I. <i>C. F.</i>	Missouri.
Harder, Robert Christopher.....	III. <i>Dv.</i>	Missouri.
Hardin, M. G.....	I. <i>C. F.</i>	Missouri.
Hardwig, Miss Clara A.....	I. <i>C. F.</i>	Missouri.
Hardy, Joseph A.....	II. <i>Ar.</i>	Missouri.
Haren, William E.....	IV. <i>Ar.</i>	Missouri.
Harkins, Wallace D.....	I. <i>Lw.</i>	Missouri.
Harrington, Edward Thomas.....	III. <i>Dn.</i>	Missouri.
Harrington, Miss Margarite.....	I. <i>C. F.</i>	Missouri.
Harris, Mark.....	I. <i>C. F.</i>	Missouri.
Harris, Robert A.....	I. <i>Lw.</i>	Illinois.
Harshman, Gurney Ellsworth.....	I. <i>Dn.</i>	Illinois.
Hart, Herbert M.....	II. <i>P. M.</i>	New Mexico.
Hartigan, Vincent E.....	I. <i>C. F.</i>	Missouri.
Hartley, John Edwin.....	I. <i>Md.</i>	Kansas.
Hartmann, William H.....	I. <i>C. F.</i>	Missouri.
Hartwig, J. Lawrence.....	III. <i>Lw.</i>	Missouri.
Hassett, Joseph N.....	II. <i>Lw.</i>	Missouri.
Hassett, Henry Anthony.....	IV. <i>Md.</i>	Illinois.
Hastings, Eugene L.....	Sp. <i>Ar.</i>	Illinois.
Hausgen, Fred.....	II. <i>Ar.</i>	Missouri.
Hausmann, Charles Rudolph.....	I. <i>Dn.</i>	Illinois.
Haverfield, Lysle Edward.....	III. <i>Md.</i>	Illinois.
Hayes, Charles Michael.....	I. <i>P. M.</i>	Illinois.
Haynes, Harrington Clanahan.....	I. <i>Dn.</i>	Illinois.
Heidemann, Geo. H.....	III. <i>C. F.</i>	Missouri.
Heidemann, Joseph E.....	I. <i>Lw.</i>	Missouri.
Heidorn, William Block.....	III. <i>Md.</i>	Missouri.

Heil, G. M.....	II. C. F.....	Missouri.
Heimann, Maurice E.....	I. C. F.....	Missouri.
Hein, E. L.....	II. C. F.....	Missouri.
Heithaus, Claude.....	IV. Ar.....	Missouri.
Helm, Elmer L.....	I. C. F.....	Missouri.
Helwig, Sylvester Bernard.....	II. Md.....	Illinois.
Heltzell, P. D.....	II. C. F.....	Missouri.
Henderson, James A.....	II. Lw.....	Missouri.
Hendley, Harry J.....	I. Lw.....	Missouri.
Henke, Miss Helen.....	II. C. F.....	Missouri.
Hennessy, M. T.....	II. C. F.....	Missouri.
Henrich, Lawrence Edmund.....	III. Md.....	South Dakota.
Henske, William Conrad.....	IV. Md.....	Missouri.
Herbers, Rev. Joseph A.....	IV. Dv.....	Missouri.
Herbert, Harris A.....	I. Lw.....	Missouri.
Hermann, Chas. O.....	I. C. F.....	Missouri.
Hermann, Ewald Emil.....	IV. Md.....	Illinois.
Hermes, Edgar Joseph.....	II. P. M.....	Michigan.
Heun, Charles.....	II. C. F.....	Missouri.
Heun, J. J.....	II. C. F.....	Missouri.
Hewitt, Benjamin Roller.....	III. Md.....	California.
Hicks, Raymond Richard.....	I. Dn.....	Missouri.
Higgins, James E.....	III. Lw.....	Illinois.
Higgins, J. S.....	I. C. F.....	Missouri.
High, Charles E.....	II. C. F.....	Missouri.
Hilderbrand, Mrs. Clara.....	I. C. F.....	Missouri.
Hillner, A. A.....	III. C. F.....	Missouri.
Hillner, Leo A.....	I. C. F.....	Missouri.
Hinni, Anthony J.....	I. Lw.....	Illinois.
Hitzeman, Louis.....	I. P. M.....	Missouri.
Hoehn, A. L.....	I. C. F.....	Missouri.
Hof, John C.....	I. C. F.....	Missouri.
Hofferkamp, August George.....	II. P. M.....	Illinois.
Hogan, Lewis V.....	I. C. F.....	Missouri.
Holbrook, Charles Henry.....	I. Dn.....	Illinois.
Hollan, Clarence R.....	I. C. F.....	Missouri.

Hollingsworth, Paul Royalty.....	III. <i>Dn</i>	Missouri.
Holmes, Mansell B.....	III. <i>Md</i>	Missouri.
Holten, Edmund Herman.....	I. <i>P. M</i>	Illinois.
Honig, Lawrence D.....	I. <i>Lw</i>	Missouri.
Hoogstraet, Rudolph W.....	IV. <i>Lw</i>	Missouri.
Hopmann, Raymond H.....	I. <i>C. F</i>	Missouri.
Hornback, Edward Rodes.....	III. <i>Md</i>	Missouri.
Houlehan, Aloysius L.....	II. <i>C. F</i>	Missouri.
House, Bert.....	III. <i>Dn</i>	Illinois.
Houser, Wm. Fred.....	III. <i>Ph</i>	Illinois.
Houston, Jack Maurice.....	I. <i>Md</i>	Missouri.
Howard, Stanley Proctor.....	III. <i>Md</i>	Missouri.
Howell, Albion James.....	I. <i>Md</i>	California.
Hrdlicka, Victor Emanuel.....	I. <i>Md</i>	Missouri.
Huber, Joseph E.....	I. <i>C. F</i>	Missouri.
Huber, William Henry.....	III. <i>Md</i>	Missouri.
Hudnall, Burrell B.	I. <i>Lw</i>	Missouri.
Huebner, Chas. A.....	I. <i>C. F</i>	Missouri.
Huey, A. W.....	II. <i>C. F</i>	Missouri.
Hurley, Thomas.....	I. <i>Ar</i>	Missouri.
Hulick, Lester Paul.....	II. <i>P. M</i>	Illinois.
Humphries, Paul Ambrose.....	III. <i>Md</i>	Illinois.
Hyatt, William Taylor.....	III. <i>Md</i>	Missouri.
Inman, Chelsea O.	I. <i>Lw</i>	Missouri.
Irving, Horace.....	I. <i>C. F</i>	Missouri.
Ivancovich, Eugene.....	I. <i>Dv</i>	California.
Jacobs, Richard Nicholas.....	III. <i>Md</i>	Montana.
Jacobi, W. Joseph.....	II. <i>Ph</i>	Indiana.
Jacoby, John M.....	I. <i>Ph</i>	Ohio.
Jaglowicz, J. Francis	II. <i>Ph</i>	Canada.
Jameson, Claude J.....	I. <i>C. F</i>	Missouri.
Jannuzzo, Anthony C.....	I. <i>C. F</i>	Missouri.
Javaux, Everett James.....	II. <i>P. M</i>	Missouri.
Jasinski, Henry P.	I. <i>Ph</i>	Illinois.
Jeffers, S. E.....	II. <i>C. F</i>	Missouri.
Jeffries, Roy Randolph.....	IV. <i>Md</i>	Iowa.

Jenkins, James T.....	II. <i>Md.</i>	Illinois.
Johns, George A.....	III. <i>Lw.</i>	Missouri.
Johnson, Burt Martin.....	I. <i>P. M.</i>	Montana.
Johnston, John J.....	II. <i>Lw.</i>	Missouri.
Joliat, Rev. Joseph S.....	IV. <i>Dv.</i>	Ohio.
Jolley, Raymond C.....	I. <i>C. F.</i>	Missouri.
Jones, Harry Joe.....	II. <i>P. M.</i>	Missouri.
Jones, William B.....	I. <i>C. F.</i>	Missouri.
Jones, William Raymond.....	II. <i>Md.</i>	Kansas.
Jost, Arthur H.....	III. <i>Md.</i>	Missouri.
Jutz, Edward J.....	III. <i>Lw.</i>	Missouri.
Kaczmarek, Francis Anthony.....	III. <i>Ph.</i>	Wisconsin.
Kahn, Adolph.....	II. <i>C. F.</i>	Missouri.
Kammann, Albert A.....	V. <i>Lw.</i>	Missouri.
Kamp, Walter A.....	I. <i>Lw.</i>	Missouri.
Kane, Terence T.....	III. <i>Dv.</i>	Illinois.
Kashiwagi, Masac.....	III. <i>Dn.</i>	Japan.
Kattus, Joseph Henry.....	I. <i>Md.</i>	Ohio.
Kavanagh, Alfred Louis.....	III. <i>Md.</i>	Missouri.
Keefe, John J.....	I. <i>Dv.</i>	Illinois.
Keeney, John B.....	I. <i>C. F.</i>	Missouri.
Keenoy, Francis Patrick.....	III. <i>Ph.</i>	Missouri.
Kehoe, Horace Dean.....	III. <i>Dn.</i>	Iowa.
Keily, Maurice.....	II. <i>C. F.</i>	Missouri.
Keller, Gus V.....	III. <i>C. F.</i>	Missouri.
Keller, Walter R.....	I. <i>C. F.</i>	Missouri.
Kelly, Edward M.....	II. <i>Ph.</i>	Wisconsin.
Kelly, Stephen E.....	III. <i>Ar.</i>	Illinois.
Kelly, Rev. Thomas A.....	IV. <i>Dv.</i>	Illinois.
Kelly, Vincent M.....	I. <i>C. F.</i>	Missouri.
Kemp, Hardy Alfred.....	I. <i>P. M.</i>	Missouri.
Kemper, Miss Anita P.....	II. <i>C. F.</i>	Missouri.
Kenkel, Miss Johanna.....	Sp. <i>C. F.</i>	Missouri.
Kennedy, Francis H.....	II. <i>Lw.</i>	Missouri.
Kennedy, Jerome H.....	I. <i>Lw.</i>	Missouri.
Kennedy, Walter P.....	I. <i>C. F.</i>	Missouri.

Kennel, William J.....	I. <i>C. F.</i>	Missouri.
Kernan, Clarence	I. <i>Lw.</i>	Missouri.
Kerper, Alver Hubert.....	IV. <i>Md.</i>	Iowa.
Key, William Y.....	V. <i>Lw.</i>	Missouri.
Kiely, Michael J.....	IV. <i>Lw.</i>	Missouri.
Kiely, Charles M.....	I. <i>Lw.</i>	Missouri.
Kienzle, Geo. J.....	II. <i>C. F.</i>	Missouri.
Kiessig, Edwin O.....	I. <i>C. F.</i>	Missouri.
Kilfoy, Edward J.....	II. <i>Md.</i>	Iowa.
Kiley, Geo. Edward.....	III. <i>Ph.</i>	Illinois.
Killacky, Rev. Urban H.....	IV. <i>Dv.</i>	Illinois.
Kilian, John A.	II. <i>Dv.</i>	Germany.
Kincaid, Lester.....	I. <i>C. F.</i>	Missouri.
Kincheloe, Chas. N.....	I. <i>C. F.</i>	Missouri.
King, Thos. J.....	I. <i>C. F.</i>	Missouri.
Kingery, Daniel Raymond.....	I. <i>Dn.</i>	Missouri.
Kinthead, Samuel Marshall.....	III. <i>Dn.</i>	Missouri.
Kirchner, Miss Clara D.....	II. <i>C. F.</i>	Missouri.
Kircheis, William T.....	III. <i>C. F.</i>	Missouri.
Klamon, Joseph M.....	I. <i>Lw.</i>	Missouri.
Kluge, J. H.....	II. <i>C. F.</i>	Missouri.
Knierim, George E.	III. <i>Lw.</i>	Missouri.
Koeb, Roland Anthony.....	I. <i>Md.</i>	Missouri.
Koeneke, Thomas B.....	III. <i>C. F.</i>	Missouri.
Koenig, Victor.....	I. <i>C. F.</i>	Missouri.
Kohler, Eugene Jacob.....	I. <i>Md.</i>	Missouri.
Kolmer, Joseph H.	I. <i>C. F.</i>	Missouri.
Komen, Max L.....	III. <i>C. F.</i>	Missouri.
Korfmacher, William C.....	II. <i>Ar.</i>	Missouri.
Kotkis, Alexander Joseph.....	III. <i>Md.</i>	Pennsylvania.
Kramer, Arthur E.....	III. <i>Md.</i>	Illinois.
Krause, Irl Brown.....	III. <i>Md.</i>	Missouri.
Krebs, George	III. <i>Dn.</i>	Missouri.
Krehbiel, Carl H.....	I. <i>C. F.</i>	Missouri.
Krekeler, Edmund Herman.....	III. <i>Dn.</i>	Illinois.
Krekeler, Meinoff, J.....	I. <i>C. F.</i>	Missouri.

Kretschmer, Albert Jr.....	IV. <i>Lw.</i>	Missouri.
Kretschmer, Joseph C.....	IV. <i>Lw.</i>	Missouri.
Kroehnke, Walter H.....	III. <i>Lw.</i>	Missouri.
Krull, J. C.....	I. <i>C. F.</i>	Missouri.
Kubik, Elmer W.....	I. <i>C. F.</i>	Missouri.
Kuenzel, Rev. Anthony R.....	IV. <i>Dv.</i>	Missouri.
Kueser, Edwin J.....	I. <i>C. F.</i>	Indiana.
Kunz, Glenn E.....	I. <i>C. F.</i>	Missouri.
Kurz, Rudolph Ferdinand.....	II. <i>P. M.</i>	Illinois.
Lacson, Gasper P.....	I. <i>Lw.</i>	Philippine Islands.
Lacson, J. P.....	I. <i>C. F.</i>	Philippine Islands.
Lahr, Norbert John.....	III. <i>Dn.</i>	Minnesota.
Lahrman, William A.....	I. <i>C. F.</i>	Missouri.
Lam, Frederick Kwai.....	IV. <i>Md.</i>	Hawaii.
Lamb, Robert A.....	<i>Sp. Ar.</i>	Missouri.
Lane, Clinton Welsh.....	III. <i>Md.</i>	Kansas.
Lane, Miss Mary L.....	III. <i>C. F.</i>	Missouri.
Lane, William J. Jr.....	II. <i>C. F.</i>	Missouri.
Langen, J. F.....	I. <i>C. F.</i>	Missouri.
Lannon, Joseph T.....	I. <i>Dv.</i>	Illinois.
Lattman, William Thomas.....	I. <i>P. M.</i>	Illinois.
Lauer, William E.....	III. <i>Lw.</i>	Missouri.
Laughren, Leo.....	I. <i>Ar.</i>	Missouri.
Laundy, Frank H.....	I. <i>C. F.</i>	Missouri.
Laurent, Jules A.....	I. <i>C. F.</i>	Missouri.
Lavender, Walter Antoine.....	III. <i>Md.</i>	Missouri.
Law, Raymond E.....	III. <i>Lw.</i>	Illinois.
Lawler, Walter Emmett.....	II. <i>P. M.</i>	Missouri.
Lawson, John D.....	IV. <i>Md.</i>	California.
Lee, Charles M.....	II. <i>Lw.</i>	Iowa.
Lee, Francis.....	I. <i>Lw.</i>	Missouri.
Leever, Frank Marvin.....	I. <i>Dn.</i>	Illinois.
Leight, William Joseph.....	II. <i>P. M.</i>	Missouri.
Leiker, Francis James.....	II. <i>Dn.</i>	Kansas.
Liston, Nicholas.....	I. <i>Dv.</i>	Illinois.
Lembeck, Joseph A.....	II. <i>P. M.</i>	Missouri.

Lemon, Joseph L.....	II. <i>Lw</i>	Missouri.
Lenaghan, Robert Thomas.....	II. <i>Md</i>	Iowa.
Lonneux, Martin J.....	II. <i>Dv</i>	Belgium.
Lennon, Joseph A.....	I. <i>Lw</i>	Missouri.
Leonard, F. A.....	III. <i>C. F</i>	Missouri.
Lerner, Abe Frank.....	I. <i>Md</i>	Missouri.
Lichte, Raymond Fred.....	I. <i>Dn</i>	Missouri.
Lind, Miss Margaret F.....	II. <i>C. F</i>	Illinois.
Lindauer, Curt C.....	I. <i>Lw</i>	Illinois.
Linek, Henry Andrew.....	II. <i>Dn</i>	Missouri.
Lister, Lincoln U.....	I. <i>C. F</i>	Missouri.
Linton, Miss Helen B.....	I. <i>C. F</i>	Missouri.
Linton, Xavier B.....	I. <i>Ar</i>	Missouri.
Lippold, John P.....	III. <i>Dn</i>	Iowa.
Lohman, Louis V.....	I. <i>C. F</i>	Missouri.
Lorenz, William.....	I. <i>C. F</i>	Missouri.
Louis, Joseph G.....	II. <i>C. F</i>	Missouri.
Lundergan, Joseph Michael.....	I. <i>Dn</i>	Indiana.
Lurkins, Earl H.....	I. <i>Lw</i>	Missouri.
Luyties, Carl W.....	III. <i>C. F</i>	Missouri.
Lutz, Anthony L.....	I. <i>C. F</i>	Missouri.
Lyons, Arthur J.....	I. <i>C. F</i>	Missouri.
Lynch, Jos. H.....	II. <i>C. F</i>	Missouri.
McAstocker, Rev. John C.....	IV. <i>Dv</i>	Canada.
McBride, Roy Hugh.....	I. <i>Md</i>	Missouri.
McCabe, Wm. H.....	III. <i>Ph</i>	Iowa.
McCann, Oria Marcellus.....	I. <i>Md</i>	Illinois.
McCarthy, Joseph A.....	IV. <i>Lw</i>	Missouri.
McCarthy, Paul Vincent.....	I. <i>Md</i>	South Dakota.
McCarthy, Raphael Charles.....	III. <i>Dv</i>	Michigan.
McCarthy, Thomas J.....	I. <i>Lw</i>	Missouri.
McCormick, W. F.....	Sp. <i>C. F</i>	Missouri.
McCoy, Geo. W.....	II. <i>C. F</i>	Missouri.
McCracken, James A.....	I. <i>C. F</i>	Missouri.
McCullough, John W.....	I. <i>C. F</i>	Missouri.
McCutchen, Len Glen.....	II. <i>P. M</i>	Wisconsin.

McDonald, Mrs. Helen.....	I. <i>C. F.</i>	Missouri.
McDonough, Michael J.....	II. <i>C. F.</i>	Missouri.
McElmeel, Joseph F.....	I. <i>Dv.</i>	Iowa.
McElroy, King G.....	I. <i>Ar.</i>	Missouri.
McEnaney, Clifford Thomas.....	I. <i>P. M.</i>	Iowa.
McGalloway, Geo. Edward.....	III. <i>Ph.</i>	Wisconsin.
McGarry, C. F.....	II. <i>C. F.</i>	Missouri.
McGrath, John Newton.....	IV. <i>Md.</i>	Iowa.
McGrail, George A.....	II. <i>Lw.</i>	Missouri.
McHale, Ernest R.....	II. <i>Lw.</i>	Illinois.
McHugh, William J.....	II. <i>Md.</i>	Pennsylvania.
McInerny, John J.....	II. <i>Ph.</i>	Missouri.
McIntyre, William Kress.....	I. <i>Md.</i>	Ohio.
McKelvey, John Allen.....	I. <i>Dn.</i>	Illinois.
McKenney, Dell.....	II. <i>Lw.</i>	Washington.
McKillop, Frank Ellsworth.....	II. <i>Dn.</i>	South Dakota.
McMahon, Alphonse.....	V. <i>Ar.</i>	Missouri.
McMahon, Gerard.....	I. <i>Ar.</i>	Missouri.
McMahon, Henry J.....	III. <i>Lw.</i>	Iowa.
McMahon, Joseph P.....	I. <i>Ph.</i>	Wisconsin.
McNamee, Owen James.....	III. <i>Md.</i>	Missouri.
McNearney, Thomas O.....	III. <i>Lw.</i>	Missouri.
McNulty, George A.....	III. <i>Ar.</i>	Missouri.
McSkimming, J.....	Sp. <i>Ar.</i>	Missouri.
Maack, Miss Annette.....	I. <i>C. F.</i>	Missouri.
Macelwane, Rev. James B.....	IV. <i>Dv.</i>	Ohio.
Mack, Curt C.....	I. <i>C. F.</i>	Missouri.
Macke, Francis J.....	II. <i>Ph.</i>	Ohio.
Madlinger, Carl J.....	I. <i>C. F.</i>	Missouri.
Magee, Hubert Nathan.....	III. <i>Dn.</i>	Missouri.
Magee, Wm. M.....	II. <i>Dv.</i>	Illinois.
Maguire, Clarence.....	IV. <i>Lw.</i>	Missouri.
Mahoney, Florence H.....	I. <i>Ph.</i>	Colorado.
Mahowald, Aloys.....	IV. <i>Md.</i>	Minnesota.
Main, George Chrysap.....	II. <i>P. M.</i>	Illinois.
Maloy, Clarence E.....	I. <i>Ar.</i>	Missouri.

Manley, Louis Vincent.....	II. <i>P. M.</i>	South Dakota.
Manning, Francis J.....	II. <i>Lw.</i>	Illinois.
Manning, Robert E.....	II. <i>Ph.</i>	Ohio.
Marchand, John George.....	II. <i>P. M.</i>	Missouri.
Margrave, Edmund De Lolme.....	II. <i>P. M.</i>	California.
Markert, Miss Genevieve.....	II. <i>C. F.</i>	Illinois.
Marks, Vivia A.....	I. <i>Lw.</i>	Missouri.
Marling Peter Paul.....	I. <i>Dn.</i>	Missouri.
Martin, Donald David.....	IV. <i>Md.</i>	Illinois.
Martin, Fred J.....	Sp. <i>C. F.</i>	Missouri.
Martin, Samuel C.....	I. <i>C. F.</i>	Missouri.
Maruska, Edwin J.....	II. <i>C. F.</i>	Missouri.
Maslanka, Thaddeus.....	II. <i>Ar.</i>	Missouri.
Massey, Loren E.....	I. <i>C. F.</i>	Missouri.
Masterson, William J.....	I. <i>C. F.</i>	Missouri.
Matheson, George David.....	I. <i>Dn.</i>	Washington.
Matoushek, Joseph.....	II. <i>Dv.</i>	Missouri.
Matthews, R. C.....	III. <i>C. F.</i>	Missouri.
Mattingly, Miss Rosalie M.....	I. <i>C. F.</i>	Missouri.
Maul, Theodore A.....	III. <i>C. F.</i>	Illinois.
Maurer, Frederic George.....	IV. <i>Md.</i>	Ohio.
Mayer, Leo Loeb.....	II. <i>Md.</i>	Missouri.
Meade, Victor Ray.....	III. <i>Dn.</i>	Missouri.
Meagher, Philip P.....	I. <i>C. F.</i>	Missouri.
Meara, Francis P.....	II. <i>Lw.</i>	Missouri.
Medler, Francis Joseph.....	I. <i>Md.</i>	Missouri.
Meek, Teddy.....	I. <i>Dn.</i>	Illinois.
Mehaffy, Carl Poe.....	I. <i>Dn.</i>	Arkansas.
Meier, Arthur J.....	I. <i>C. F.</i>	Missouri.
Meinhardt, Edgar F.....	I. <i>C. F.</i>	Missouri.
Melchiors, Joseph P.....	II. <i>Ph.</i>	Wisconsin.
Mellen, Cornelius P.	II. <i>Ph.</i>	Indiana.
Menager, Rev. Edward C.....	IV. <i>Dv.</i>	France.
Menager, Francis M.....	I. <i>Dv.</i>	France.
Menager, Gabriel.....	I. <i>Dv.</i>	France.
Mentag, Joseph P.....	II. <i>Dv.</i>	Indiana.

Menzi, Albert M.....	I. <i>Lw.</i>	Missouri.
Meskell, James A.	II. <i>Dv.</i>	Illinois.
Metzger, Charles H.....	I. <i>Dv.</i>	Ohio.
Metzler, Fred L.....	I. <i>C. F.</i>	Missouri.
Metzler, Henry F.....	I. <i>C. F.</i>	Missouri.
Meyer, Louis E.....	I. <i>Ar.</i>	Missouri.
Meyer, W. M.....	Sp. <i>C. F.</i>	Missouri.
Meyer, Walter W.....	I. <i>C. F.</i>	Missouri.
Miles, Edward C.....	I. <i>Lw.</i>	Missouri.
Milfrod, John W.....	II. <i>Lw.</i>	Missouri.
Miller, Joseph H.....	I. <i>Lw.</i>	Missouri.
Miller, Louis E.....	II. <i>Lw.</i>	Kentucky.
Miller, Thomas W.....	II. <i>Ar.</i>	Illinois.
Mills, Andrew S.....	I. <i>Lw.</i>	Missouri.
Minnis, James L.....	I. <i>Lw.</i>	Missouri.
Minton, Charles E.....	I. <i>Lw.</i>	Missouri.
Mitchell, Jerome Brockman.....	II. <i>P. M.</i>	Illinois.
Mitchell, Leo J.....	I. <i>C. F.</i>	Missouri.
Mitchell, William Franklin.....	III. <i>Md.</i>	Missouri.
Moeller, William L.....	II. <i>C. F.</i>	Missouri.
Moll, Nathaniel J.....	III. <i>Lw.</i>	Missouri.
Moloney, James C.....	II. <i>P. M.</i>	Michigan.
Monaghan, Willis Arthur.....	IV. <i>Md.</i>	Nebraska.
Moomaw, Ora Albert.....	II. <i>Dn.</i>	Illinois.
Moore, Clifford L.....	II. <i>C. F.</i>	Missouri.
Moore, Eugene Franklin.....	I. <i>Md.</i>	Illinois.
Mootz, Rev. John P.....	IV. <i>Dv.</i>	Kansas.
de Monsabert, Andre Joseph.....	III. <i>Dv.</i>	Louisiana.
Moran, James K.....	II. <i>Lw.</i>	Missouri.
Morgan, Edward J.....	II. <i>Dv.</i>	Wisconsin.
Morgan, H. Joseph.....	I. <i>Lw.</i>	Illinois.
Moriarty, John Lawrence.....	II. <i>Dn.</i>	Ohio.
Morris, Oscar J.....	I. <i>C. F.</i>	Missouri.
Morrison, Joseph A.....	III. <i>Lw.</i>	Missouri.
Morrissey, Jos. O.....	I. <i>C. F.</i>	Missouri.
Morton, Arthur J.....	I. <i>Dv.</i>	Massachusetts.

Moschell, William E.....	I. <i>C. F.</i>	Missouri.
Moss, Merton Carl.....	IV. <i>Md.</i>	Missouri.
Motzel, Albert J.....	III. <i>Md.</i>	Missouri.
Moyer, Harold	III. <i>Dn.</i>	Illinois.
Mudd, James Linus.....	I. <i>Md.</i>	Missouri.
Mudd, Randolph.....	II. <i>Ar.</i>	Missouri.
Mueller, Edwin Leo.....	III. <i>Md.</i>	Texas.
Mueller, Henry A.....	II. <i>C. F.</i>	Missouri.
Mueller, Wilber K.....	II. <i>P. M.</i>	Missouri.
Muldoon, Thomas F.....	I. <i>Lw.</i>	Missouri.
Mulhern, Patrick J.....	I. <i>Dv.</i>	Illinois.
Mulholland, Francis J.....	II. <i>Lw.</i>	Missouri.
Mullaney, Eugene P.....	II. <i>Ph.</i>	Wisconsin.
Mullany, Leo H.....	I. <i>Dv.</i>	Iowa.
Murdoch, Charles H.....	Sp. <i>C. F.</i>	Missouri.
Murray, Bernard J.....	II. <i>Dv.</i>	Colorado.
Muren, Edward J.....	I. <i>C. F.</i>	Missouri.
Muren, Lee J.	I. <i>C. F.</i>	Missouri.
Murphy, Bartholomew F.....	I. <i>Lw.</i>	Oklahoma.
Murphy, David J.....	I. <i>Lw.</i>	Missouri.
Murphy, Frank E.....	IV. <i>Md.</i>	California.
Murphy, James Edward.....	I. <i>Md.</i>	California.
Murphy, Joseph Patrick.....	III. <i>Md.</i>	Missouri.
Murphy, Robert E.....	I. <i>C. F.</i>	Missouri.
Murphy, Russell W.....	III. <i>Lw.</i>	Missouri.
Murphy, William J.	II. <i>Ph.</i>	Ohio.
Murphy, William R.....	III. <i>Lw.</i>	Missouri.
Murray, M. G.....	I. <i>C. F.</i>	Missouri.
Murray, Ruth M.....	I. <i>Lw.</i>	Missouri.
Murrin, John Owen.....	III. <i>Md.</i>	Missouri.
Naert, Alphonse Leo Jr.....	III. <i>Dn.</i>	Missouri.
Narrance, Harold Charles.....	I. <i>Dn.</i>	Ohio.
Naser, Hamed Aly.....	I. <i>P. M.</i>	Egypt.
Naunheim, Herman J.....	II. <i>Lw.</i>	Missouri.
Naylor, John C.....	III. <i>C. F.</i>	Missouri.
Neely, Paul Forest.....	I. <i>Dn.</i>	Illinois.

Nelson, Herman G.....	II. C. F.....	Missouri.
Nesbit, Leonard Locke.....	II. P. M.....	Illinois.
Neu, Bernard Anthony.....	III. Dv.....	New York.
Neubeiser, Joseph Benedict.....	III. Md.....	Minnesota.
Neuhaus, Clemens H.....	I. C. F.....	Missouri.
Neuman, Fred J.....	I. C. F.....	Missouri.
Neumann, Clemens.....	II. C. F.....	Missouri.
Newcomb, Carmen A. Jr.....	I. Lw.....	Missouri.
Newell, Paul Wm.....	I. Lw.....	Missouri.
Newman, George William.....	I. P. M.....	Missouri.
Nirk, H. H.....	II. C. F.....	Missouri.
Noonan, Jno. Aloysius.....	II. Ph.....	Ireland.
Norton, Henry A.....	I. Ph.....	Ohio.
Novotny, Edward J.....	III. Md.....	Ohio.
Nunn, John B.....	III. C. F.....	Missouri.
Nye, William R.....	III. Md.....	Missouri.
O'Brien, Edward Cornelius.....	II. P. M.....	Iowa.
O'Brien, Harold J.....	II. C. F.....	Missouri.
O'Brien, Rev. Joseph E.....	IV. Dv.....	Iowa.
O'Brien, J. H.....	I. C. F.....	Missouri.
O'Brien, Thomas.....	II. C. F.....	Missouri.
O'Brien, Paul Francis.....	III. Dn.....	Missouri.
O'Connor, Eugene Joseph.....	II. Dv.....	Georgia.
O'Donnel, John L.....	I. C. F.....	Missouri.
O'Donnell, Francis Joseph.....	IV. Md.....	Michigan.
O'Hanlon, Thomas F.....	III. Lw.....	Missouri.
O'Hern, Francis J.....	I. Dv.....	Iowa.
O'Hearn, J. R.....	II. C. F.....	Missouri.
O'Mara, John T.....	I. C. F.....	Missouri.
O'Neill, Felix B.....	I. Lw.....	Oklahoma.
O'Neill, John R.....	IV. Md.....	California.
O'Reilly, Paul B.....	I. C. F.....	Missouri.
O'Shaughnessy, William J.....	I. Dv.....	Wisconsin.
Ohmer, Charles F.....	II. Lw.....	Missouri.
Oldeg, Leonard L.....	III. Lw.....	Missouri.
Oppenheimer, Carl D.....	II. C. F.....	Missouri.

Ottenad, Rene C.....	II. <i>C. F.</i>	Missouri.
Pacey, Charles.....	I. <i>Lw.</i>	Missouri.
Paradise, Elmer H.....	I. <i>C. F.</i>	Missouri.
Parle, Edward B.....	I. <i>Ar.</i>	Missouri.
Paruzynski, William Francis.....	III. <i>Dv.</i>	Wisconsin.
Paul, G. H.....	I. <i>C. F.</i>	Missouri.
Paulinski, Edmund Alois.....	I. <i>Dn.</i>	Ohio.
Paulson, Arthur L.....	I. <i>C. F.</i>	Missouri.
Paxton, J. C.....	II. <i>C. F.</i>	Missouri.
Peacock, Francis X.....	I. <i>Dv.</i>	Wisconsin.
Peet, Edward C.....	I. <i>C. F.</i>	Missouri.
Peitz, Theodore Francis.....	III. <i>Ph.</i>	Missouri.
Pemberton, B. Frank.....	I. <i>C. F.</i>	Missouri.
Penaat, William H.	III. <i>Lw.</i>	Missouri.
Perk, Lawrence Michael.....	III. <i>Ph.</i>	Missouri.
Perkins, Elmer W.....	III. <i>C. F.</i>	Missouri.
Perkins, W. H.....	II. <i>C. F.</i>	Missouri.
Peth, Arthur W.....	II. <i>Lw.</i>	Illinois.
Peterson, Harry.....	I. <i>C. F.</i>	Missouri.
Peterson, Ervin L.....	I. <i>C. F.</i>	Missouri.
Pettit, Aloysius S.....	I. <i>Dv.</i>	Wisconsin.
Pfeffer, Francis J.....	III. <i>Ar.</i>	Missouri.
Phee, Martin J.....	II. <i>Dv.</i>	Illinois.
Phelan, Miss G.....	Sp. <i>C. F.</i>	Missouri.
Phillips, G. C.....	Sp. <i>C. F.</i>	Missouri.
Phillips, Henry M.....	I. <i>Lw.</i>	Missouri.
Phillips, J. Henry.....	I. <i>Md.</i>	Missouri.
Phillips, Oscar C.....	I. <i>C. F.</i>	Missouri.
Piekarski, Anthony Andrew.....	I. <i>Md.</i>	Missouri.
Piekenbrock, Frank James.....	III. <i>Md.</i>	Iowa.
Pieper, Henry W.....	I. <i>Ar.</i>	Missouri.
Ploch, Bernard.....	I. <i>P. M.</i>	Missouri.
Ploussard, Charles Nicholas.....	II. <i>Md.</i>	Illinois.
Podesta, Nicholas Arthur.....	I. <i>Md.</i>	Missouri.
Pointeck, Thomas A.....	I. <i>C. F.</i>	Missouri.
Polak, William T.....	II. <i>Lw.</i>	Missouri.

Pope, Andrew Jackson.....	I. <i>Dn</i>	Mississippi.
Pope, William H.....	III. <i>Lw</i>	Illinois.
Porrizzo, Andrew Paul.....	III. <i>Md</i>	New York.
Porter, E. D.....	II. <i>C. F</i>	Missouri.
Poston, Grover C.....	II. <i>Lw</i>	Missouri.
Price, Francis X.....	III. <i>C. F</i>	Missouri.
Powell, George McArdle.....	III. <i>Md</i>	Missouri.
Powell, Manley Clay.....	III. <i>Dn</i>	Illinois.
Pratte, Burgette Leon.....	I. <i>Dn</i>	Missouri.
Preece, Wade Owen.....	II. <i>Md</i>	Nebraska.
Presbitero, Santiago H.....	I. <i>P. M</i>	Philippines.
Przybysz, Joseph Ferdinand.....	I. <i>Md</i>	Missouri.
Puhl, Louis James.....	III. <i>Dv</i>	Ohio.
Purteet, Bryan.....	I. <i>Lw</i>	Missouri.
Puster, Alvin A.....	III. <i>C. F</i>	Missouri.
Quermann, John E.....	I. <i>C. F</i>	Missouri.
Quinn, Clarence A.....	I. <i>C. F</i>	Missouri.
Quinn, Francis Berchmans.....	IV. <i>Md</i>	California.
Quinn, Thomas.....	II. <i>C. F</i>	Missouri.
Quirin, Warren Sylvester.....	III. <i>Md</i>	Missouri.
Quirk, John Timothy.....	I. <i>Md</i>	Ohio.
Rabitt, Miss Helen.....	III. <i>C. F</i>	Missouri.
Raidt, Peter J.....	II. <i>C. F</i>	Missouri.
Rainwater, Russell Crews.....	II. <i>Dn</i>	Missouri.
Rake, Emil G. B.....	I. <i>C. F</i>	Missouri.
Ramognino, Rev. Michael A.....	IV. <i>Dv</i>	Argentina.
Rapp, Henry Emil.....	I. <i>P. M</i>	Missouri.
Ratajczak, John S.	II. <i>Ph</i>	Illinois.
Ratican, William A. Jr.....	II <i>Lw</i>	Missouri.
Rawe, John C.....	II. <i>Lw</i>	Illinois.
Real, Mackey Joseph.....	I. <i>Dn</i>	Iowa.
Reardon, John A.....	III. <i>Lw</i>	Missouri.
Rebenscheid, Frederick H.....	I. <i>C. F</i>	Missouri.
Rechtern, Ralph X.....	III. <i>Ar</i>	Missouri.
Rechtien, L. W.....	I. <i>C. F</i>	Missouri.
Redding, Miss Libbie C.....	Sp. <i>C. F</i>	Illinois.

Reed, James E.....	II. <i>C. F.</i>	Missouri.
Reel, William G.....	III. <i>Lw.</i>	Missouri.
Regnet, Henry Herman.....	III. <i>Dv.</i>	New York.
Reiley, Harold A.....	I. <i>Dv.</i>	New York.
Reilly, D. J.....	Sp. <i>C. F.</i>	Missouri.
Reilly, Rev. Ignatius T.	IV. <i>Dv.</i>	Wisconsin.
Reilly, Thomas Francis.....	I. <i>Md.</i>	Missouri.
Rein, Miss Henrietta E.....	I. <i>C. F.</i>	Missouri.
Rejent, Anthony Joseph.....	III. <i>Md.</i>	Ohio.
Remley, Edmund Benedict.....	III. <i>Dn.</i>	Minnesota.
Renard, Joseph.....	IV. <i>Lw.</i>	Missouri.
Renshaw, Joseph A.....	I. <i>Ph.</i>	Spain.
Renz, Henry J.....	Sp. <i>C. F.</i>	Missouri.
Reuter, Edward H.....	I. <i>C. F.</i>	Missouri.
Reynolds, Thomas A.....	III. <i>Lw.</i>	Illinois.
Richards, Harry H.....	I. <i>C. F.</i>	Missouri.
Richter, Edward W.....	Sp. <i>Ar.</i>	Missouri.
Riley, Philip Arthur.....	III. <i>Md.</i>	Michigan.
Rinsche, Rev. Herman J.	IV. <i>Dv.</i>	Argentina.
Rinck, George W.....	I. <i>Lw.</i>	Illinois.
Ring, Paul F.....	I. <i>Ar.</i>	Missouri.
Ring, Reginald R.....	I. <i>C. F.</i>	Missouri.
Ringen, G. M.....	Sp. <i>C. F.</i>	Missouri.
Ringo, Henry Jobe.....	I. <i>Md.</i>	Missouri.
Riordan, Daniel B.....	I. <i>C. F.</i>	Missouri.
Riordan, M. J.....	III. <i>C. F.</i>	Missouri.
Riordon, William J.....	I. <i>C. F.</i>	Missouri.
Roan, L. S.....	I. <i>C. F.</i>	Missouri.
Robb, Wilfrid S.	III. <i>Ph.</i>	Ohio.
Roberts, John Richard.....	I. <i>P. M.</i>	Illinois.
Roberts, Louis Sidney.....	IV. <i>Md.</i>	Kentucky.
Robertson, Eugene.....	I. <i>Lw.</i>	Missouri.
Roche, William James.....	I. <i>Md.</i>	Illinois.
Roche, William J.....	I. <i>C. F.</i>	Missouri.
Rock, Leo Peter.....	II. <i>C. F.</i>	Missouri.
Roe, Edward F.....	II. <i>C. F.</i>	Missouri.

Rogers, Harry E.....	I. C. F.....	Missouri.
Rogers, J. A.....	I. C. F.....	Missouri.
Rohan, Philip G.....	II. Ar.....	Missouri.
Romero, Juan.....	I. Dn.....	Nicaragua, C. A.
Rooney, Eugene Francis.....	I. Md.....	Illinois.
Rosenfeld, Henry	IV. Md.....	Missouri.
Rosenstein, Frank F.....	III. Md.....	Texas.
Ross, M. C. Miss.....	I. C. F.....	Missouri.
Ross, Radford Irwin.....	II. P. M.....	Idaho.
Rotchford, Robert Lee.....	III. Md.....	Washington.
Rotermund, Albert J.....	I. C. F.....	Missouri.
Rotermund, Walter F.....	I. C. F.....	Missouri.
Roth, Geo. J.....	I. C. F.....	Missouri.
Roth, Rudolph Peter	II. Dn.....	Kansas.
Rothbaum, Ben.....	I. Lw.....	Missouri.
Rothweiler, G. J.....	II. C. F.....	Missouri.
Rotter, Edmund A.....	II. C. F.....	Missouri.
Royse, Roy Pearl.....	I. P. M.....	Illinois.
Rubenstein, William Evans.....	I. Md.....	Missouri.
Rubent, Rudolph.....	I. C. F.....	Missouri.
Ruhl, Eugene A.....	I. C. F.....	Missouri.
Ruoff, William C.....	I. C. F.....	Missouri.
Ruppel, Peter A.....	I. C. F.....	Missouri.
Russell, Miss Della S.....	Sp. C. F.....	Missouri.
Rutledge, John Frederick.....	IV. Md.....	Missouri.
Rutledge, Richard Martin.....	III. Md.....	Missouri.
Ruweler, H. R.....	II. C. F.....	Missouri.
Ruwwe, George Henry.....	III. Dn.....	Missouri.
Ryan, John Harold.....	I. Md.....	Missouri.
Ryan, James B.....	III. Lw.....	Missouri.
Ryan, James J.	IV. Dv.....	New Jersey.
Ryan, F. Campbell.....	I. Ar.....	Missouri.
Ryan, O'Neill.....	IV. Ar.....	Missouri.
Ryan, William Aloysius.....	III. Dv.....	Ohio.
Ryan, William D.....	I. Ph.....	Colorado.
Rupp, Virgil R.....	II Ar.....	Illinois.

Rydzewski, Joseph Bernard.....	I <i>Md.</i>	Pennsylvania.
Sacasa, Ferdinand J.....	I. <i>Dv.</i>	Spain.
Sach-Rowitz, Alvin.....	III. <i>Md.</i>	Missouri.
Sachse, Douglas C.....	IV. <i>Lw.</i>	Missouri.
Sacro, Alfonso N.	II. <i>Lw.</i>	Philippine Islands.
Sadowska, Mrs. Marie L.....	I. <i>C. F.</i>	Missouri.
Sala, Angelo Michael.....	III. <i>Md.</i>	New York.
Salland, Henry R.....	III. <i>Ar.</i>	Missouri.
Salomo, Ervin A.....	IV. <i>Lw.</i>	Missouri.
Salud, Eusebio Buhain.....	IV. <i>Md.</i>	Philippines.
Sanders, Clarence.....	I. <i>Ar.</i>	Missouri.
Sanders, Edwin C.	II. <i>Lw.</i>	Missouri.
Sanders, Edwin.....	IV. <i>Ar.</i>	Missouri.
Santos, Tiofilo M.....	I. <i>C. F.</i>	Philippine Islands.
Savage, Claude A.....	III. <i>Md.</i>	Wisconsin.
Sarangaya, Gaudencio.....	I. <i>Dn.</i>	Philippine Islands.
Sardi, Geo. N.....	I. <i>C. F.</i>	Missouri.
Sauer, Earl Joseph.....	I. <i>Dn.</i>	Illinois.
Sauer, Martin L.....	III. <i>C. F.</i>	Missouri.
Sautmann, Edward P.....	I. <i>C. F.</i>	Missouri.
Savage, Patrick F.....	II. <i>Dv.</i>	Washington.
Sazima, Henry Charles.....	II. <i>Dn.</i>	Ohio.
Schaefer, George John.....	II. <i>Md.</i>	Illinois.
Schaefer, Leo J.....	II. <i>Md.</i>	Kansas.
Schewe, Earl Cranston.....	III. <i>Dn.</i>	Missouri.
Schaffner, Charles E.....	II. <i>Lw.</i>	Missouri.
Schall, W. H.....	I. <i>C. F.</i>	Missouri.
Schatzman, Laurance G.....	II. <i>Lw.</i>	Missouri.
Schauerte, Martin G.....	I. <i>Lw.</i>	Illinois.
Scheirmann, John C.....	I. <i>C. F.</i>	Missouri.
Scherer, Peter Joseph.....	III. <i>Dv.</i>	Indiana.
Schermer, Jake.....	I. <i>Md.</i>	Illinois.
Schenk, Raymond A.....	I. <i>Ar.</i>	Missouri.
Schloeman, Daniel J.....	I. <i>Lw.</i>	Missouri.
Schlosser, Francis X.....	II. <i>Lw.</i>	Missouri.
Schlueter, Anthony J.....	I. <i>C. F.</i>	Missouri.

Schmick, Eugene J.....	I. <i>Lw.</i>	Missouri.
Schmitt, Alphonse Reginald.....	III. <i>Dv.</i>	Ohio.
Schmitt, Oscar Joseph.....	IV. <i>Md.</i>	Wisconsin.
Schnadt, Clarence A.....	II. <i>C. F.</i>	Missouri.
Schneider, Arthur A.....	II. <i>Lw.</i>	Missouri.
Schneider, Julius F.....	I. <i>C. F.</i>	Missouri.
Schneider, Louis F.....	II. <i>C. F.</i>	Missouri.
Schneider, Nicholas Aloys.....	III. <i>Md.</i>	Missouri.
Schneider, Vincent Augustine.....	II. <i>P. M.</i>	Missouri.
Schneider, William W.....	III. <i>Lw.</i>	Missouri.
Schnitzmeier, Miss Rose C.....	I. <i>C. F.</i>	Missouri.
Schnitzmeier, Miss Theresa.....	Sp. <i>C. F.</i>	Missouri.
Schoen, Geo. R.....	II. <i>C. F.</i>	Missouri.
Schreiner, Edward Olin.....	IV. <i>Md.</i>	Missouri.
Schroeder, George Philip.....	III. <i>Dn.</i>	Missouri.
Schuler, Anton.....	I. <i>Lw.</i>	Missouri.
Schultz, Julius J.....	I. <i>Lw.</i>	Missouri.
Schumacher, Leo E.....	I. <i>C. F.</i>	Missouri.
Schumann, William F.....	I. <i>C. F.</i>	Missouri.
Schurter, Raymond Joseph.....	I. <i>Md.</i>	Canada.
Schuster, J. Darwin.....	II. <i>Lw.</i>	Missouri.
Schwab, John A.....	I. <i>C. F.</i>	Missouri.
Sciarrino, Stanley Vincent.....	II. <i>Md.</i>	New York.
Scopilite, Joseph A.....	II. <i>P. M.</i>	Missouri.
Scott, Edith.....	II. <i>Lw.</i>	Missouri.
Scott, Francis X.....	I. <i>Dv.</i>	Illinois.
Scott, Morgan Henry.....	I. <i>Md.</i>	Oklahoma.
Scott, William J.....	I. <i>C. F.</i>	Missouri.
Sellmeyer, Bernard L.	II. <i>Ph.</i>	Missouri.
Sellmeyer, Edwin Henry.....	I. <i>Dn.</i>	Missouri.
Seltzer, David.....	I. <i>Lw.</i>	Missouri.
Seward, George Ralph.....	IV. <i>Md.</i>	Illinois.
Sewell, Walter S.....	III. <i>Md.</i>	Missouri.
Sexton, Elmer Edwin.....	IV. <i>Md.</i>	Illinois.
Sextro, Frank J.....	I. <i>C. F.</i>	Missouri.
Sharon, James P.....	I. <i>Md.</i>	Iowa.

Shasserre, Theo. W.....	I. C. F.....	Missouri.
Sheehan, William.....	I. C. F.....	Missouri.
Sheridan, Edward J.....	I. C. F.....	Missouri.
Sheridan, James J.....	III. C. F.....	Missouri.
Shyne, David A.....	I. Dv.....	Kansas.
Siemers, Edmond A.....	III. Lw.....	Missouri.
Sievers, Edward Farille.....	IV. Md.....	Missouri.
Sigg, Elmer J.....	I. C. F.....	Missouri.
Simon, Jerome.....	IV. Ar.....	Missouri.
Singer, Joseph.....	II. Lw.....	Missouri.
Sipchen, George M.....	III. Dv.....	Michigan.
Skarry, Arthur.....	I. Lw.....	Kentucky.
Skarry, Hugh M.....	II. C. F.....	Kentucky.
Slack, Carroll Lee.....	I. Dn.....	Missouri.
Slattery, Cyril J.....	II. P. M.....	Missouri.
Sloan, Albert B.....	Sp. Lw.....	Missouri.
Slowey, James Francis.....	I. Md.....	Ohio.
Smalley, Thornton.....	I. C. F.....	Missouri.
Smith, B. Arthur.....	II. Md.....	Illinois.
Smith, Carl Clifford.....	III. Md.....	Missouri.
Smith, John Carroll.....	I. Dn.....	Kansas.
Smith, Rev. Francis J.....	IV. Dv.....	Illinois.
Smith, George Louis.....	I. Md.....	Louisiana.
Smith, J. Gerard.....	II. Ph.....	Iowa.
Smith, Robert Paul.....	I. Dn.....	Missouri.
Smothers, Edgar R.....	II. Ph.....	Illinois.
Snider, John W.....	I. C. F.....	Missouri.
Snopek, Leonard Louis.....	III. Dn.....	Iowa.
Solliday, Monroe Franklin.....	I. P. M.....	Illinois.
Sommerhauser, Charles Michael.....	III. Dn.....	Kansas.
Soehnlín, Vernon E.....	I. C. F.....	Missouri.
Sours, Alphonse A.....	I. Lw.....	Missouri.
Spies, Charles J.....	II. Lw.....	Kansas.
Spizel, Miss Mamie.....	I. C. F.....	Missouri.
Spresser, Joseph William.....	III. Dn.....	Kansas.
Springer, William C.....	I. C. F.....	Missouri.

Stadler, Erman.....	III. <i>Md.</i>	Missouri.
Stahlsmith, Miss C. M.....	II. <i>C. F.</i>	Missouri.
Stanford, Vern Bunn.....	IV. <i>Md.</i>	Illinois.
Stangler, Albert J.....	III. <i>Lw.</i>	Missouri.
Stankovich, Proka N.....	IV. <i>Lw.</i>	Missouri.
Stechschulte, Victor Cyril.....	III. <i>Ph.</i>	Ohio.
Stecker, George.....	II. <i>Md.</i>	New Mexico.
Steele, Ralph K.....	I. <i>C. F.</i>	Missouri.
Steinmeyer, Leonard M.....	I. <i>Ar.</i>	Missouri.
Steinrauf, Dewey W.....	I. <i>C. F.</i>	Missouri.
Steinrauf, Harry I.....	II. <i>C. F.</i>	Missouri.
Stephens, Thomas F.....	I. <i>Lw.</i>	Missouri.
Stepka, Oscar J.....	III. <i>C. F.</i>	Missouri.
Steppins, Sidney.....	I. <i>C. F.</i>	Missouri.
Stevens, Myrtle O.....	III. <i>Lw.</i>	Missouri.
Steward, Guss Byron.....	IV. <i>Md.</i>	Missouri.
Steward, Hobart B.....	I. <i>P. M.</i>	Missouri.
Stiles, Miss L.....	I. <i>C. F.</i>	Missouri.
Stine, Andrew C.....	II. <i>C. F.</i>	Missouri.
Stoelzle, Joseph Daniel.....	IV. <i>Md.</i>	Illinois.
Stratmann, Henry J.....	II. <i>Lw.</i>	Missouri.
Stroer, Joseph H.....	I. <i>C. F.</i>	Missouri.
Strub, Henry Francis.....	I. <i>P. M.</i>	Missouri.
Stuber, Joseph Theodore.....	I. <i>P. M.</i>	Ohio.
Strubinger, Taylor W.....	V. <i>Lw.</i>	Illinois.
Stuhlmueeller, Clifford Francis.....	II. <i>Md.</i>	Ohio.
Stuppy, Meinard A.....	I. <i>C. F.</i>	Missouri.
Sullivan, Bernard J.....	I. <i>Dv.</i>	Colorado.
Sullivan, C. F.....	I. <i>C. F.</i>	Missouri.
Sullivan, Charles Peter.....	III. <i>Dv.</i>	Illinois.
Sullivan, Edward Francis.....	II. <i>P. M.</i>	Iowa.
Sullivan, James McGeough.....	I. <i>Md.</i>	California.
Sullivan, John B.....	II. <i>Lw.</i>	Missouri.
Sullivan, Paul D.....	II. <i>Ph.</i>	Illinois.
Sullivan, Paul V.....	I. <i>C. F.</i>	Missouri.
Sullivan, Philip A.....	I. <i>C. F.</i>	Missouri.

Sullivan, Philip A.....	V. <i>Lw</i>	Missouri.
Sullivan, Vincent A.....	III. <i>Lw</i>	Missouri.
Sullivan, William J.....	I. <i>Ar</i>	Missouri.
Sum, Othmar John.....	III. <i>Md</i>	Indiana.
Sunkel, Fred V.....	I. <i>C. F</i>	Missouri.
Supan, Peter Callistus.....	I. <i>Md</i>	Illinois.
Sutcliffe, George.....	III. <i>Dn</i>	Missouri.
Seysan, Peter Callistus.....	I. <i>Md</i>	Illinois.
Swanston, Joseph Aloysius.....	I. <i>Dn</i>	Missouri.
Swanston, William F.....	I. <i>Lw</i>	Missouri.
Tate, Bird Anderson.....	I. <i>Dn</i>	Illinois.
Taylor, Emmett R.....	V. <i>Lw</i>	Missouri.
Taylor, Thomas R.....	III. <i>Lw</i>	Missouri.
Thacher, Arthur W.....	II. <i>Lw</i>	Missouri.
Thieme, Harry.....	II. <i>P. M</i>	Missouri.
Thighe, Eugene G.	II. <i>Lw</i>	Missouri.
Thomas, Edward Franklin.....	II. <i>P. M</i>	Michigan.
Thompson, George Ebright.....	III. <i>Md</i>	Kansas.
Thorning, Joseph F.....	I. <i>Ph</i>	Wisconsin.
Thornton, Francis H.....	II. <i>Ar</i>	Missouri.
Tietze, Irving B.....	III. <i>C. F</i>	Missouri.
Titterington, Paul Francis.....	IV. <i>Md</i>	Missouri.
Tobin, Edward W.....	V. <i>Lw</i>	Missouri.
Tobin, Thomas J.....	IV. <i>Ar</i>	Missouri.
Todt, Casper J.....	I. <i>C. F</i>	Missouri.
Tohyama, Watal.....	III. <i>Dn</i>	Japan.
Torre, Aloysius M.....	I. <i>Dv</i>	Italy.
Torrey, George F.....	I. <i>Lw</i>	Missouri.
Towles, Hobard Marvin.....	II. <i>Dn</i>	Missouri.
Townsend, Charles E.....	I. <i>C. F</i>	Missouri.
Tracy, Eugene D.....	II. <i>C. F</i>	Missouri.
Tracy, Frank Justin.....	I. <i>Md</i>	Missouri.
Tracy, Leo W.....	II. <i>C. F</i>	Missouri.
Tracy, Miss Helen.....	II. <i>C. F</i>	Missouri.
Travis, John M.....	I. <i>C. F</i>	Missouri.
Tremain, Ernest Elwood.....	III. <i>Md</i>	Missouri.

Troy, Joseph A.....	II. <i>Lw.</i>	Illinois.
Truebe, William.....	II. <i>C. F.</i>	Missouri.
Tucker, Joseph A.	III. <i>Lw.</i>	Missouri.
Tucker, George W.....	II. <i>Lw.</i>	Missouri.
Turner, Henry Hubert.....	IV. <i>Md.</i>	Illinois.
Tuttle, Melville H.....	Sp. <i>C. F.</i>	Missouri.
Uetz, John W.....	III. <i>Md.</i>	Wisconsin.
Ulrich, Richard J.....	III. <i>C. F.</i>	Missouri.
Umrath, Herman	I. <i>C. F.</i>	Missouri.
Unferfate, John H.....	II. <i>Ph.</i>	Ohio.
Upshaw, Paul O.....	II. <i>P. M.</i>	Missouri.
Upshaw, Ira Warren, Jr.....	I. <i>Dn.</i>	Missouri.
Usher, John P.....	II. <i>C. F.</i>	Missouri.
Uthe, Oliver C.	II. <i>C. F.</i>	Missouri.
Uthe, Walter Edward.....	I. <i>C. F.</i>	Missouri.
Vahlkamp, A. E.....	III. <i>C. F.</i>	Missouri.
Valladares, Antonio.....	I. <i>Lw.</i>	Guatemala.
Vanfossan, Loy Harold.....	III. <i>Dn.</i>	Illinois.
Van Iseghem, Miss Angela F.....	III. <i>C. F.</i>	Missouri.
Van Vranken, Ed.....	I. <i>Dn.</i>	Illinois.
Vaughan, J. Edward.....	I. <i>Ar.</i>	Missouri.
Verhalen, John Joseph.....	I. <i>P. M.</i>	Wisconsin.
Vien, H. Grady.....	II. <i>Lw.</i>	Missouri.
Vincent, M. Vincent.....	I. <i>Lw.</i>	Missouri.
Vogel, Edward Bernard.....	IV. <i>Md.</i>	Ohio.
Vogel, Erdman Gustave.....	I. <i>Dn.</i>	Illinois.
Vollmayer, Leo J.....	I. <i>Dv.</i>	Ohio.
Vonachen, Harold Albert.....	I. <i>Md.</i>	Illinois.
Wachowiak, Marion	II. <i>Md.</i>	Missouri.
Waddock, Joseph P.....	I. <i>Lw.</i>	Missouri.
Wagner, Augustine L.....	I. <i>Dv.</i>	Alabama.
Wagner, Raymond R.....	II. <i>Ar.</i>	Indiana.
Wahl, Chas. J.....	I. <i>C. F.</i>	Missouri.
Walker, Edward R.....	I. <i>Lw.</i>	Missouri.
Walker, George B.....	I. <i>Lw.</i>	Missouri.
Walker, Glen La Verne.....	I. <i>P. M.</i>	Illinois.

Wallace, Robert Stephen.....	II. <i>P. M.</i>	Illinois.
Walsh, James Francis.....	III. <i>Dv.</i>	Wisconsin.
Walsh, Gerald P.....	II. <i>Ph.</i>	Wisconsin
Walsh, John F.....	I. <i>Dv.</i>	Illinois.
Walsh, William J.....	I. <i>C. F.</i>	Missouri.
Walsh, Robert A.....	I. <i>C. F.</i>	Missouri.
Walter, E. J.....	III. <i>C. F.</i>	Illinois.
Walter, William Huie.....	IV. <i>Md.</i>	Illinois.
Waters, Orley Morton.....	IV. <i>Md.</i>	Illinois.
Walz, August Frederick.....	III. <i>Dn.</i>	Missouri.
Waninger, William	I. <i>C. F.</i>	Missouri.
Ware, Herbert A.....	I. <i>C. F.</i>	Missouri.
Wasinger, Joseph	II. <i>Dn.</i>	Kansas.
Waters, M. Henry.....	I. <i>P. M.</i>	Missouri.
Wax, Jacob	I. <i>C. F.</i>	Missouri.
Webb, Lewis Monson.....	II. <i>P. M.</i>	Illinois.
Webb, Marion Artemus.....	II. <i>P. M.</i>	Illinois.
Webb, Paul Benedict.....	III. <i>Md.</i>	Ohio.
Weber, Edwin G.....	I. <i>C. F.</i>	Missouri.
Weber, Joseph G.....	I. <i>C. F.</i>	Missouri.
Weber, Karl.....	I. <i>Dn.</i>	Ohio.
Wedel, Carl John.....	III. <i>Dn.</i>	Illinois. *
Weger, Carl Carson.....	III. <i>Md.</i>	Illinois.
Weiler, Jos. C.....	I. <i>C. F.</i>	Missouri.
Weindel, Clarence A.	II. <i>Lw.</i>	Missouri.
Weinsberg, William Charles.....	I. <i>Md.</i>	Missouri.
Weisenhorn, Carl M.....	III. <i>Dv.</i>	Illinois.
Weiser, William J.....	I. <i>C. F.</i>	Missouri.
Weismueller, Rev. Martin.....	IV. <i>Dv.</i>	Missouri.
Weitzman, Louis G.....	I. <i>Dv.</i>	New York.
Wenger, Eugene F.....	I. <i>C. F.</i>	Missouri.
Welsh, John Edward.....	IV. <i>Md.</i>	Illinois.
Weiss, Archa W.....	I. <i>Lw.</i>	Missouri.
Weltmer, Silas Woodson.....	III. <i>Md.</i>	Missouri.

Wenneker, Maurice.....	III. <i>Lw</i>	Missouri.
Westlake, Richard E.....	I. <i>Md</i>	Missouri.
Weston, Claude La Verne.....	III. <i>Md</i>	Indiana.
White, Homer Franklin.....	IV. <i>Md</i>	Missouri.
White, Orville O.....	III. <i>Md</i>	Illinois.
White, Victor Vincent.....	III. <i>Dv</i>	California.
Whittaker, Richard J.....	II. <i>C. F</i>	Missouri.
Wibbenmeyer, Theo. A.....	I. <i>C. F</i>	Missouri.
Widger, Floyd Elam.....	I. <i>Dn</i>	Illinois.
Wiegel, Ralph.....	II. <i>C. F</i>	Missouri.
Wigge, T. H.....	II. <i>C. F</i>	Missouri.
Wilcox, Claude Vernon.....	III. <i>Md</i>	Illinois.
Wilhelm, Francis X.....	III. <i>C. F</i>	Missouri.
Wilhelm, Louis F.....	IV. <i>Md</i>	Missouri.
Wilhelmi, Charles Martell.....	III. <i>Md</i>	Missouri.
Wilhelmj, Howard S.....	I. <i>Lw</i>	Missouri.
Williams, George Cornelius.....	II. <i>Dn</i>	Missouri.
Wills, Charles Jerauld.....	I. <i>Dn</i>	Illinois.
Wilson, F. H.....	I. <i>C. F</i>	Missouri.
Wilson, Fred K.....	II. <i>P. M</i>	Missouri.
Wilson, Horace Bertram.....	I. <i>Md</i>	California.
Wilson, Kenneth Milton.....	III. <i>Dn</i>	Illinois.
Wilson, Russell L.....	II. <i>C. F</i>	Missouri.
Wilson, Thomas Edward.....	I. <i>Dn</i>	Missouri.
Wimsatt, W. E.....	II. <i>C. F</i>	Kentucky.
Winkler, George Carl.....	II. <i>P. M</i>	Illinois.
Wipfler, Miss Rose C.....	II. <i>C. F</i>	Missouri.
Wolff, Charles.....	II. <i>P. M</i>	Missouri.
Wolff, Samuel.....	II. <i>P. M</i>	Missouri.
Woolsey, Thomas G.....	III. <i>Lw</i>	Missouri.
Worachek, Miss Minerva.....	I. <i>C. F</i>	Missouri.
Works, Ralph F.....	<i>Sp. Ar</i>	Missouri.
Worman, William F.....	I. <i>C. F</i>	Missouri.
Wright, Albirtie.....	II. <i>Lw</i>	Missouri.

Wroblewski, Theodore S.....	I. <i>Ph.</i>	Illinois.
Wyss, Emert L.....	III. <i>Lw.</i>	Missouri.
Young, Lyle Gordon.....	I. <i>P. M.</i>	Illinois.
Zacharias, Leonard L.....	I. <i>C. F.</i>	Missouri.
Zepp, Philip H.....	I. <i>Lw.</i>	Missouri.
Zieglmeyer, John Simon.....	II. <i>Md.</i>	Missouri.
Zill, John.....	I. <i>C. F.</i>	Missouri.
Zimmerman, Bernard C.....	III. <i>Ph.</i>	Iowa.
Zimmerman, Joseph A.....	I. <i>Dv.</i>	Iowa.
Zoulek, Joseph Leonard.....	II. <i>Dn.</i>	Ohio.
Zozaya, Jose.....	I. <i>Md.</i>	Texas.
Zurlinden, Edgar John.....	III. <i>Dv.</i>	Ohio.

Degrees Conferred

The Honorary Degree of Doctor of Divinity

October 24, 1919

HIS EMINENCE DÉsirÉ CARDINAL MERCIER
Archbishop of Mechlin, Primate of Belgium

The Degree of Doctor of Philosophy

June 5, 1904

REV. JAMES A. KLEIST, A. M., S. J.

General Subject: Philology. Particular Subject: Latin
Philology. Dissertation: Horace's Odes done into
English Iambs, with accompanying exposition
of a new theory of translation.

November 1

REV. GILBERT J. GARRAGHAN, A. B. (St. Ignatius
College, Chicago, 1889), A. M. (St. Louis
University, 1895), S. J.

General Subject: History. Particular Subject: American
Church History. Dissertation: The Beginnings
of Catholicity in Kansas City, Mo.

The Degree of Master of Arts

June 5

Claude McNair Bakewell, A. B.....	Missouri
Frank Peter Bungart, A. B.....	Ohio
Charles Leo Crotty, A. B.....	Wisconsin
Aloysius Siegfried Hahn, A. B.....	Missouri
Bernard Anthony Horn, A. B.....	Ohio
Arthur Joseph Kelly, A. B.....	Illinois
Warren Constantine Lilly, A. B.....	Kentucky
Thomas James Lynam, A. B.....	Missouri
Edward Francis Maher, A. B.....	Illinois

Max George Mankowski, A. B.....	Poland
Albert J. Motzel, A. B.....	Missouri
Thomas Joseph Powers, A. B.....	Kentucky
George Louis Reno, A. B.....	Michigan
Thomas Emmett Reynolds, A. B.....	Illinois
Joseph Leo Scott, A. B.....	Illinois
Henry Lawrence Sullivan, A. B.....	Nebraska
Raymond Bernard Walsh, A. B.....	Indiana
Edward Joseph Weisenberg, A. B.....	Illinois

The Degree of Bachelor of Arts

June 5

Elmer Alfred Barton.....	Michigan
John Philip Bergman.....	Illinois
Henry Benedict Crimmins.....	Iowa
Leo Lawrence Cusack.....	Iowa
James Aloysius Dacey.....	Missouri
David Brislin Flavan.....	Missouri
Theodore Vincent Glowinski.....	Illinois
Joseph F. Goeke, M. D.....	Missouri
William Patrick Gormaly.....	Ontario
William Fred Houser.....	Illinois
Francis Anthony Kaczmarek.....	Wisconsin
Francis Patrick Keenoy.....	Missouri
George Edward Kiley.....	Illinois
George Edward McGalloway.....	Wisconsin
Martin T. McInerny.....	Missouri
John Aloysius Noonan.....	Ireland
Theodore Francis Peitz.....	Missouri
Lawrence Michael Perk.....	Missouri
Thomas K. Peters.....	Missouri
Joseph Aloysius Troy.....	Illinois

The Degree of Bachelor of Science

June 5

Orville Everett Barbour.....	Illinois
Michael James Bonacci.....	Wisconsin

John George B. Brass.....	England
Francis J. Bries.....	Iowa
Francis Clair Clifford.....	Ohio
Foster Leonard Dennis.....	Kansas
Philip F. Donohue.....	Minnesota
Joseph Anthony Ebel.....	Missouri
Paul William Ferry.....	Indiana
Frank Roman Finnigan.....	Kansas
Armin Fischer	Indiana
Adolph Richard Fredrickson.....	North Dakota
Spencer Lane Freeman.....	Missouri
Christopher C. Gaard.....	Iowa
Cletus J. Golinvaux.....	Iowa
Edward R. Hornback.....	Missouri
Richard Nicholas Jacobs.....	Montana
Roy Randolph Jeffries.....	Iowa
George Earl Joseph.....	Illinois
Donald David Martin.....	Illinois
Joseph Patrick Murphy.....	Missouri
Francis Joseph O'Donnell.....	Michigan
George McArdle Powell.....	Missouri
John W. Uetz.....	Wisconsin
Paul Benedict Webb.....	Ohio

The Degree of Bachelor of Commercial Science

June 5

Raymond J. Duffy.....	St. Louis, Mo.
John M. Neumayer.....	St. Louis, Mo.

A General Certificate

Herman C. Appelbaum.....	St. Louis, Mo.
Alexander J. Boka.....	St. Louis, Mo.
Charles F. J. Dietrich.....	St. Louis, Mo.
F. Henry Duerfahrd.....	St. Louis, Mo.
Robert E. Furlong.....	St. Louis, Mo.

The Degree of Doctor of Dental Surgery

March, 1, 1919

Sam Donald Balauri.....	St. Louis, Mo.
Joseph Francis Bey.....	Perryville, Mo.
Arthur Dean Blumenshine.....	Washington, Ill.
Paul George Brandt.....	Jefferson City, Mo.
Wallace King Coates.....	St. Louis, Mo.
William Wallace Crawford.....	St. Louis, Mo.
Rogelio Gomez Cea.....	Sonsonate, El Salvador, C. A.
John Gerwert	Miller City, Ohio
George Evan Gitchoff.....	Kastoria, Macedonia
William Stephen Higgins.....	Hartline, Wash.
Albert John Markert.....	East St. Louis, Ill.
Edward Frank Mayle.....	Fremont, Ohio
Clarence Ira Pasch.....	St. Louis, Mo.
Glyde Joseph Pepple.....	Sumner, Ill.
Joseph Henry Sandbrink.....	Catawissa, Mo.
Francis Meredith Vessels, Jr.....	Perryville, Mo.
Carl Joseph Wenige.....	St. Louis, Mo.
Willis Dodd Winslow.....	Rosedale, Kans.

June 5, 1919

Leo Bernard Baltz.....	Pocahontas, Ark.
Rueben Edward Baumann.....	Highland, Ill.
Herbert Frederick Baumstark.....	Ste. Genevieve, Mo.
Max Adam Beisel.....	Canistota, S. Dak.
George Henry Berning.....	Effingham, Ill.
James Frank Blakemore.....	Prairie Grove, Ark.
Arthur Henry Buxton.....	Shobonier, Ill.
Joseph Emery Catudal.....	Plainville, Kans.
Arthur Grover Clark.....	St. Louis, Mo.
John William Cohlmeier.....	East St. Louis, Ill.
John Nicholas Collins.....	Penfield, Ill.
John Harry Crowe.....	Sullivan, Mo.

Martinello Patrick Dougherty.....	Marysville, Mo.
Joseph Francis Dreiling.....	Victoria, Kans.
Dennis Duffy.....	Bellaire, Ohio
Glenn Frederick Edmiston.....	Olney, Ill.
Walter William Emons.....	Marissa, Ill.
Lawrence Raymond Finnegan.....	Lavalle, Wisc.
Jeremiah Thomas Gorman.....	Sidney, Ill.
Emanuel Ernst Haller.....	St. Louis, Mo.
John Wesley Hardy.....	Lenzburg, Ill.
Amos Ripply Harlin.....	West Plains, Mo.
Oscar Theodore Haumueller.....	St. Louis, Mo.
Hugh Jackson Hogancamp.....	Bardwell, Ky.
Frank William Jaeger.....	St. Louis, Mo.
Lawrence Lewis Jaffe.....	New Haven, Conn.
William Arthur Kennedy.....	Davis, Okla.
Taihei Kuzuhara	Kumamoto, Japan
Frank Robert Leiper.....	Coulterville, Ill.
Louis Napoleon LeBoeuf.....	Tilbury, Ont., Can.
Frank Drake Lockwood.....	Harrisburg, Ill.
Justin John Maley.....	Manchester, Iowa
George Rudolph Mallick	Jamestown, N. D.
Ralph Carter Max.....	Rosendale, Mo.
Robert Jameson May.....	St. Louis, Mo.
Hugh Thomas McDermott.....	Illio polis, Ill.
Jesse William Miller.....	Maryville, Mo.
Wilfred Hugh Morton.....	Warrensburg, Mo.
Clarence Richard Murphy.....	Wellsville, N. Y.
John Thomas Murphy.....	East St. Louis, Ill.
Clarence Edward Norris.....	White Hall, Ill.
Lenna Bryan Owen.....	Arlington, Ky.
Mark Edward Palmer.....	Frederic, Iowa
Elvus Jerome Pecaut.....	Perryville, Mo.
Edgar Porth	Jefferson City, Mo.
Edgar Francis Rehm.....	Ste. Genevieve, Mo.
Reuben Roy Rhoades.....	Jefferson City, Mo.
William Elmer Setzekorn.....	Mt. Vernon, Ill.

William Leonard Shamel.....	Jefferson City, Mo.
Edward Charles Signaigo.....	St. Louis, Mo.
William Dewey Starling.....	Olean, Mo.
Charles Norvin Stilley.....	Benton, Ill.
Joseph Ambrose Thole.....	St. Louis, Mo.
John Raymond Titus.....	Mounds, Ill.
Guy Henry Traylor.....	Springfield, Ill.
James LeRoy Vize.....	Waverly, Ky.
James Erwin Weedon.....	Tarkio, Mo.
Saul Edward Weisstein.....	St. Louis, Mo.
LeRoy Williams	Conway, Mo.
Harry Irwin Wilson.....	Malcolm, Mo.

October 2, 1919

Walter Benton	Knob Noster, Mo.
Harry Bloch	N. York City, N. Y.
Olen John Bott.....	East St. Louis, Ill.
William Louis Bunge.....	Union, Mo.
Edgar Mason Carpenter.....	Gardner, Ill.
John Joseph Collins.....	St. Louis, Mo.
Leo Dominique Cougot.....	St. Louis, Mo.
Frederick Irving Coutant.....	St. Louis, Mo.
William Munroe Davis.....	Franks, Mo.
Howard Marbut Dummit.....	Monett, Mo.
George Waverly Duncan.....	St. Louis, Mo.
Alva James Dunlavy.....	Bloomington, Nebr.
Edward Henry Eden.....	St. Louis, Mo.
Ross Davis Farley.....	Lawton, Okla.
Frank George Finck.....	Afton, Mo.
Bernard Goorman	St. Louis, Mo.
Earl Ralph Greenman.....	Kellerton, Iowa
Willis Charles Gross.....	Pacific, Mo.
Tom Scott Hensley.....	Peoria, Ill.
Leo Albert Hindenach.....	Parsons, Kans.
Franklin Osborn Holland.....	Topeka, Kans.
Edward Hughes	Edwardsville, Ill.

George Dyas Jacobs.....	Sapulpa, Okla.
Walter Peter Joenk.....	St. Louis, Mo.
Henry John Kamp.....	Liege, Mo.
Benjamin Koplo	St. Louis, Mo.
Raymond Albert Kyle.....	Highland, Ill.
Alfonso Leon	Bogota, Colombia, S. A.
Harold Henry Loeffler.....	St. Louis, Mo.
Glenn John McAllister.....	Cascade, Iowa
William Arthur McCracken.....	Mulberry Grove, Ill.
Paul Franklin McCutcheon.....	St. Louis, Mo.
Henry Shaw Monell.....	St. Louis, Mo.
Frank August Ochs.....	Okawville, Ill.
Arthur Orbie Ozment.....	Harrisburg, Ill.
John Cleveland Proctor.....	Granite City, Ill.
Kelsie Otto Pylant.....	Monette, Ark.
Albert Ernst Rigor.....	Brownfield, Ill.
Martin Theodore Rippe.....	St. Louis, Mo.
John Bryan Ruyle.....	Jacksonville, Ill.
Earl Vincent Ryan.....	Peoria, Ill.
Edward Schaekel	Beatrice, Nebr.
John Adolph Schwaig.....	St. Louis, Mo.
Albert Shinneman	St. Louis, Mo.
Joseph Alonzo Shoemake.....	Hiram, Mo.
Earle Beauchamp Sims.....	Palmyra, Ill.
Justin Clarence Smith.....	Bowling Green, Mo.
Jacques David Summerlin.....	Jacksonville, Fla.
Luther Otto Wicecarver.....	Lutesville, Mo.
William Edgar Wilson.....	Granite City, Ill.
George William Woolard.....	Eldorado, Ill.

The Degree of Bachelor of Laws

Nellie Elizabeth Allen.....	St. Louis, Mo.
Philip S. Androve.....	St. Louis, Mo.
Ernest E. Baker.....	Hoquiam, Wash.
Edward Bandurski	St. Louis, Mo.

Charles Berkmeier	St. Louis, Mo.
Bertha B. Bremer.....	St. Louis, Mo.
Archer C. Britt.....	St. Louis, Mo.
Warren Canaday	Hillsboro, Ill.
John Francis Clancy.....	St. Louis, Mo.
Múrtha Joseph Hackett.....	St. Louis, Mo.
John Joseph Hawk, Jr., A. B.....	St. Louis, Mo.
Adam Henry Jones.....	St. Louis, Mo.
Albert Frederick Kammann.....	St. Louis, Mo.
Ernest Ward Kemp.....	St. Louis, Mo.
Jacob M. Moldafsky.....	St. Louis, Mo.
Harry Phillip Rosecan.....	St. Louis, Mo.
Henry Joseph Schleper.....	St. Louis, Mo.
James Edmond Schlichter.....	St. Louis, Mo.
Alexander Schoumenoff	Granite City, Ill
Bernard Comor Specking.....	St. Louis, Mo.
S. Barney Spitzer.....	St. Louis, Mo.
Taylor William Strubinger.....	Pittsfield, Ill.
Frederick August Wendt.....	St. Louis, Mo.
Charles Leonard Wright.....	Virden, Ill.

The Degree of Doctor of Medicine

February 1, 1919

Lisle Leoholme Collins.....	Bethel, Mo.
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February 10, 1919

Virgil Edward Shade, B. S.....	Ida Grove, La.
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June 5, 1919

Orville Everett Barbour, B. S.....	Peoria, Ill.
Karl Anthony Braun, A. B.....	Cincinnati, Ohio
Julius Anthony Burger, A. B.....	Tiro, Ohio
William John Crotty.....	East St. Louis, Ill.
James Hay Cummings, B. S.....	St. Louis, Mo.
Matthew Lee Custer, B. S.....	Jefferson, Ia.

Henry Francis Dolan, A. B.....	Prairieburg, Iowa
Francis Joseph Doran, A. B.....	East Cleveland, O.
Loren Ferrell Elliott.....	Rolla, Mo.
Charles Robert Finnegan, A. B.....	LaValle, Wisc.
William Lee Finnegan, A. B.....	LaValle, Wisc.
Philip Henry Finot.....	St. Louis, Mo.
George Thomas Gafney, A. B.....	East Cleveland, O.
Jules Henry Gerard.....	St. Louis, Mo.
Robert Henry Greaves.....	Collinsville, Ill.
Lester Aloysius Halloran, A. B.....	Des Moines, Iowa
Frank Coleman Hammitt.....	Farmington, Ill.
Benjamin George Haumesser, B. S.....	Shumway, Ill.
Edward Walter Hellweg.....	Pierce City, Mo.
Mesco Joseph Helminiak, A. B.....	Buffalo, N. Y.
Rudolph Hofmeister	St. Louis, Mo.
Clarence Norman Jaekel.....	Detroit, Mich.
George Earl Joseph.....	Peoria, Ill.
Thomas Robert Carroll Kennedy.....	Templeton, Ind.
Clarence Howard Kilker.....	Egan, Ill.
Elmer Earl Kirkwood.....	Kirkwood, Mo.
Martin James Larkin, A. B.....	Toledo, Ohio
Thomas Patrick Lawton, B. S.....	St. Louis, Mo.
Eugene Henry Lynch.....	San Francisco, Calif.
Clarence Ignatius McCormick, A. B.....	Kansas City, Mo.
Alphonse McMahon, A. B.....	St. Louis, Mo.
Eugene Albert McQuillan.....	East St. Louis, Ill.
Joseph John Michalak.....	Leavenworth, Kans.
George Clement Murphy, B. S.....	St. Louis, Mo.
William Frederic Neun.....	St. Louis, Mo.
Patrick Benedict O'Connell.....	Pipestone, Minn.
Hassen Omar, B. S.....	Cairo, Egypt
Rudolph Virchow Powell.....	Macon, Mo.
Francis Edmund Powers.....	St. Louis, Mo.
Lawrence Michael Riordan.....	Hannibal, Mo.
Chrisman George Scherf.....	St. Louis, Mo.
Henry Cyril Schumacher, B. S.....	Humphrey, Nebr.
Herbert Joseph Strub.....	St. Louis, Mo.
Clarence Vincent Ward, B. S.....	Peoria, Ill.
Edward Aloysius Welch.....	Springfield, Ohio
Henry Frederick Westphaelinger, B. S.....	Ridgway, Ill.

August 2, 1919

LeRoy Branom St. Louis, Mo.

General Statement

History

The foundation of St. Louis University dates back to 1818, three years before Missouri became a State of the Union.

On November 16th, 1818, Right Rev. Louis William DuBourg, Bishop of Louisiana, with residence in St. Louis, opened St. Louis Academy in a stone building on the northwest corner of Third and Market streets. It was under the control of Rev. Francois Niel and other secular priests attached to St. Louis Cathedral. The Academy expanded into St. Louis College in 1820, and a brick building, two stories high, was erected for the accommodation of the students on Walnut street, between Second and Third streets.

Although the college was successful and the mother of many students eminent in after life, yet the secular clergy found it difficult to attend to their professorial work in St. Louis College, owing to their numerous ecclesiastical duties.

In consequence, Bishop DuBourg had intended to hand the institution over to the Jesuits a few years after its foundation, for he realized that its existence would be precarious without some such guarantee for supplying a corps of trained professors. He had, therefore, made application to the Provincial of the Jesuits of Maryland, but his request could not be granted, as the establishment of the Society of Jesus at Georgetown and elsewhere in the Eastern States fully occupied all the members at that time. The disappointment, however, was to be only temporary.

Early in 1823, Bishop DuBourg visited Washington to consult with James Monroe, President of the United States, and John C. Calhoun, the Secretary of War, on the Indian affairs of his diocese. Secretary Calhoun suggested that he invite the

Maryland Jesuits to give him their assistance in his difficult pioneer work. DuBourg, thereupon, again entered into negotiations with the Provincial of Maryland, offering to make over to the Society of Jesus his Cathedral property in St. Louis, which comprised church and college, as well as a farm near Florissant, Mo., for an Indian Seminary, if the Jesuits would establish themselves in his diocese. The Provincial accepted that part of the proposition which referred to the Indian Seminary, but stated that priests could not then be spared for the St. Louis project.

Thus, finally in June, 1823, the Jesuits from Whitemarsh, Maryland, took up their abode at Florissant, where they opened a seminary for the instruction of the Indians. It was not until a somewhat later date that they yielded to Bishop DuBourg's urgent solicitations to take over St. Louis College.

The last session of the college under its old management was that of 1826-27. As the Jesuits desired to have a boarding school as well as a day school, it was decided to erect a new college structure at Washington avenue and Ninth street, then outside the limits of St. Louis, on property donated by the Bishop. During the interval of building, the Jesuits accommodated St. Louis pupils at Florissant late in the session of 1827-28, where also the entire session of 1828-29 was passed. Thence they were transferred to the new building in St. Louis, where classes began on November 2, 1829.

It is noteworthy that it was a Jesuit, James Marquette, S. J., who, in 1673, first viewed the site of our future city, and when Pierre Laclede founded St. Louis in 1764, it was another Jesuit, Sebastian Meurin, S. J., who first ministered to the spiritual wants of the colonists, who were all Catholics.

In its new location St. Louis College flourished, and in 1832 received its charter as a University by act of the Missouri Legislature. The president at once set about the preparatory steps for organizing the post-graduate faculties. In 1834 the Divinity Faculty was established, but in 1860 the theological students were transferred to the Jesuit college at Boston, Mass.

In 1836 the Faculty of Medicine was constituted, and when for some reason it became inoperative in 1840, a new faculty was organized in 1842. The medical school was eminently successful until 1855, when, owing to the Know-Nothing movement, its separation from the University was deemed advisable. A Law Faculty was organized in 1843 and continued sessions until 1847.

Owing to the encroachments of the business districts, the University site became unsuited to educational purposes, and in 1888 the institution was transferred to a new and more favorable situation in the western part of the city. The undergraduate department was opened on Grand avenue in 1888; the School of Philosophy and Science, Lindell Boulevard, in 1889; the School of Divinity on West Pine Boulevard in 1899.

In May, 1901, two of the best medical schools of the State, the Marion-Sims Medical College and the Beaumont Hospital Medical College, were consolidated for the purpose of strengthening the advantages which they offered. This consolidated Marion-Sims-Beaumont College of Medicine was acquired by the St. Louis University in May, 1903, as a component part of the institution.

A School of Dentistry was added in 1908 by the affiliation of the St. Louis Dental College with the University.

In the autumn of the same year the Faculty of Law was restored, and a School of Advanced Science was also inaugurated.

The School of Commerce and Finance was organized October 3, 1910.

St. Louis University is the oldest university in the Louisiana Purchase Territory and probably the oldest west of the Mississippi River.

Degrees

The degree of Bachelor of Arts (A. B.) is conferred upon those who successfully complete the Courses as outlined on page 243.

The degree of Bachelor of Science (B. S.) is conferred upon those students who have satisfactorily completed the Courses outlined on page 246.

The degree of Bachelor of Science in Medicine (B. S. in Medicine) is conferred upon those students who have satisfactorily completed the combined College and Medical Course—six years—as outlined on page 86.

The degree of Bachelor of Literature (Litt. B.) is conferred on those who devote most of their attention to modern literature and substitute modern languages for the ancient classics prescribed in the A. B. Course. For details of this course see page 247.

The degree of Bachelor of Philosophy (Ph. B.) is conferred on those who substitute modern languages for the ancient classics prescribed in the A. B. Course in addition to the number of courses required in the departments of Philosophy, English, History, Economics, etc. For further information inquire of Dean of the College of Arts.

The degrees of Master of Arts (M. A.) and Master of Science (M. S.) are conferred on those who comply with the conditions stated on pages 241-242. Also see page 218.

The conditions for obtaining the degree of Doctor of Philosophy are outlined on page 219.

The requirements for the degrees of M. D., D. D. S., LL. B., B. C. S., etc., conferred by the University, will be found stated in the appropriate places under the different departments.

No degrees will be given to those who have not satisfied their obligations to the institution.

Scholarships

See departments of Medicine, Law, Commerce and Finance, Arts and Sciences.

Discipline

Regularity in attendance, earnest application to the work assigned, conformity to the regulations, and gentlemanly conduct are required of all the students of the institution. Any serious neglect in these essential points will render the offender liable to effective correction, and even to dismissal.

The University does not hold itself responsible for offenses committed out of its jurisdiction; yet any conduct that is detrimental to the reputation of the institution, or that hinders the advancement or moral good of other students, is sufficient cause for suspension or expulsion.

Expenses

As the institution is not endowed, it is entirely dependent for its support on fees paid for tuition.

A statement of fees for the regular course in any of the departments will be found in its appropriate place under that department.

School of Medicine

School of Medicine

Officers

REV. WILLIAM F. ROBISON, S. J., Ph.D.,
President of the University.

HANAU W. LOEB, A. M., M. D.,
Dean.

CHARLES H. CLOUD, S. J., A. M.,
Regent.

DON R. JOSEPH, M. S., M. D.,
Vice-Dean.

DANIEL M. SCHOEMAKER, B. S., M. D.,
Secretary of the Administrative Board.

CARROLL SMITH, A.B., M. D.,
Secretary of the Faculty.

Introductory Statement

History

See page 74.

The School Buildings

The buildings of the Medical School are located on Compton Hill, the highest point in the city of St. Louis. The College property includes an acre and a half of ground upon the corner of Grand avenue and Caroline street, and comprises the Medical building and the Laboratory building, to which a wing 30x40 feet in size was added during the session of 1912-13.

All portions of the city are readily accessible by means of electric lines passing the School or in its immediate vicinity, thus greatly extending the territory from which patients are drawn for the clinics. The City Hospital, St. John's Hospital and St. Mary's Infirmary are within twenty minutes' ride from the Medical School. The City Sanitarium, the St. Ann's Asylum and the Alexian Brothers' Hospital are about thirty minutes' ride from the School.

The Main Building

The main College building is four stories high. The first floor is devoted to the use of the St. Louis University Dispensary. The second floor contains the large amphitheater, with operating rooms attached, and research rooms for Pathology and Bacteriology. On the third floor are two lecture halls and the research rooms of the Department of Anatomy. These research rooms are provided with such apparatus and materials as are necessary for investigation in these subjects.

The fourth floor contains the dissecting room, 55 by 55 feet, and the laboratory for the study of cross sections, both well lighted by both skylight and windows. On this same floor are the prosecting, embalming and storage rooms of the Department of Anatomy.

The Laboratory Building

The first floor contains the laboratory for Chemistry, 36 by 56 feet, which is equipped with lockers, water, gas and complete sets of reagents and apparatus for individual laboratory practice for each student.

The entire second floor is devoted to laboratory instruction in Histology, Pathology and Bacteriology. This laboratory room is 36 by 50, lighted on the east and west sides. Accommodations are provided for eighty students. The laboratory is equipped with high-grade microscopes and with other appliances for good teaching. It has in connection with it the Museum and private rooms for instructors.

The third floor contains the laboratories of Physiology. These comprise two large student laboratories. The equipment includes a full complement of instruments for experimental work. There are also four research laboratories, a shop, a storeroom and dark room for the Physiological Department.

The new wing contains toilets, janitors' quarters and a laboratory on the first floor, the office and library on the second floor, and laboratories for physiological research, animal operating room and hospital and a shop on the third floor. Good quarters for dogs, rabbits, frogs, etc., used in experimental work, are located on the roof.

Library

The library is open to students from 8 in the morning to 5 in the afternoon; the reading room is well lighted and ventilated. It contains about 6,000 bound volumes. In addition to these the special libraries maintained by the various depart-

ments will bring the total of bound volumes up to 9,000. Moreover, there are some 4,500 unbound pamphlets on special subjects. These are available for students doing special work.

In addition to the American weekly and monthly medical publications of general character, 65 standard scientific journals are received.

Clinical Facilities

The University is able to offer good facilities for practical clinical teaching in the following institutions in which appointments to the Medical Staff are made as specified:

I. BY THE HOSPITAL COMMISSIONER ON NOMINATION BY THE UNIVERSITY.

1. St. Louis City Hospital (one-half of the 800 beds).
2. St. Louis Isolation Hospital (one-half of the Service).
3. St. Louis Sanitarium (Visiting Surgeon).

II. BY THE UNIVERSITY SUBJECT TO APPROVAL OF THE *HOSPITAL AUTHORITIES:

4. Alexian Brothers' Hospital.
5. St. John's Hospital.
6. Mt. St. Rose Hospital.
7. St. Ann's Lying-In Infirmary.
8. St. Ann's Foundling Asylum.
9. St. Anthony's Hospital.
10. St. John's Clinical Dispensary.
11. Alexian Brothers' Dispensary.
12. St. Louis Obstetric Dispensary.

III. BY THE UNIVERSITY DIRECT:

13. St. Louis University Dispensary.

IV. BY THE HOSPITAL AUTHORITIES, IN CLOSE AFFILIATION WITH THE UNIVERSITY:

14. St. Mary's Infirmary.

*No recommendation of the University has thus far been disapproved.

V. BY HOSPITAL AUTHORITIES ENTIRELY INDEPENDENT OF THE UNIVERSITY:

15. Jewish Hospital Dispensary.

Clinical Instruction

JUNIOR CLASS:

For the Junior year, clinical instruction is given as follows:

1. By clinical lectures and demonstrations in Medicine and Surgery to divisions of half the class at the City Hospital and St. John's Hospital.

2. By practical work in Medicine and Surgery in small sections at the following dispensaries:

St. Louis University Dispensary.

St. John's Clinical Dispensary.

Alexian Brothers' Dispensary.

Jewish Hospital Dispensary.

In this respect arrangements are made so that each student has a dispensary service in medicine and surgery three days a week without conflict with his other work.

SENIOR CLASS:

For the Senior year, clinical instruction is required as follows:

1. Extern service at St. John's Hospital, St. Mary's Infirmary, Alexian Brothers' Hospital, Jewish Hospital, St. Anthony's Hospital every day except Saturday from 9 to 12, or for eight weeks in medicine and eight weeks in surgery.

2. Extern service at the City Hospital every day from 9 to 12, for four weeks in medicine and four weeks in surgery.

3. Instruction in Dermatology, Diseases of Children, Ear, Nose and Throat Diseases, Genito-Urinary Diseases, Nervous and Mental Diseases, Gynecology, Ophthalmology and Orthopedic Surgery, in sections of four or five at the various hospitals and dispensaries, affiliated with the institution.

4. Seven obstetric cases are required of each candidate for graduation, delivered under the supervision of an instructor in the following institutions:

St. Ann's Lying-In Infirmary.

St. Louis City Hospital.

St. Louis Obstetric Dispensary.

5. Clinical Lectures and Demonstrations for one semester, 2 hours a week.

In Diseases of Children at St. Ann's Foundling Asylum.

In Mental Diseases at St. Louis City Sanitarium.

ST. LOUIS CITY HOSPITAL AND ISOLATION HOSPITAL.

By the order of the Director of Public Welfare and the Hospital Commissioner, the University was permitted to name the Medical Staff to Unit Two of the City Hospital and at the Isolation Hospital on November 1st, 1914.

The St. Louis Hospital No. II, which has recently been opened with accommodations for 300 colored patients, has been placed in the same category as the other city institutions.

These authorities have extended the privileges so that at the present time the University commands the service to the extent of 400 definitely assigned beds, interns and seniors, in the City Hospital and one-half of the patients in the Isolation Hospital. Aside from the advantage to the patients by this method of selecting the Medical Staff, the Hospital fulfills its other great function of providing clinical instruction for students in medicine.

Outlines of Courses

Outline of the Course in Medicine

FIRST OR FRESHMAN YEAR. Anatomy: Dissection, Histology, Embryology, Neurology; Organic and Physiological Chemistry.*

SECOND OR SOPHOMORE YEAR. Topographical Anatomy, Physiology, Bacteriology, Pathology, Immunity, Materia Medica, Pharmacology, Normal Physical Diagnosis and Surgery.

THIRD OR JUNIOR YEAR. Medicine, Pediatrics, Physical Diagnosis, Clinical Pathology, Nervous Diseases, Pharmacology, Obstetrics, Surgical Pathology, Principles of Surgery, Orthopedic Surgery, Fractures and Dislocations, Gynecology, Therapeutics, Hygiene and Ophthalmology. Also Medical and Surgical Clinics, chiefly diagnostic. Practical work in Obstetrics.

FOURTH OR SENIOR YEAR. Chiefly clinical and largely in small sections at the hospitals and dispensaries. Extern service, twelve weeks in Medicine and twelve weeks in Surgery. Practice in Obstetrics. Also didactic courses in Dermatology and Syphilis, Diseases of Children, Genito-Urinary Diseases, Gynecology, Obstetrics, Dietetics, Nervous and Mental Diseases, Ear, Nose and Throat Diseases, Ophthalmology, Regional Surgery and on special topics in Medicine, Medical Law and Ethics.

*After Jan. 1, 1920, Organic Chemistry becomes a requirement for admission to the medical course and will, therefore, be given in the second collegiate year.

Outline of Combined Course in Science and Medicine

A six year course is offered in conjunction with the College of Arts and Science leading to the B. S. degree in four years and the M. D. degree in six years.

Sixty credit hours of work in an acceptable College are required as follows:

Physics, 8; Chemistry, 12; Biology, 8; German or French, 8; English, 6; Electives, 18.

The Council is given authority to evaluate credits from other institutions and to decide what electives may be taken.

The following plan is recommended for graduates of accredited high schools who enter upon the six-year course:

First Year

DEPARTMENT	Hours per Week		Didactic	Laboratory
	First Semester	Second Semester		
French or German.....	4	4	128	.....
Biology.....	4	4	64	192
Chemistry, Inorganic.....	4	4	64	192
English.....	3	3	96	.....
Total.....	15	15	352	384

Second Year

DEPARTMENT	Hours per Week		Didactic	Laboratory
	First Semester	Second Semester		
French or German.....	4	4	128	.....
Physics.....	4	4	64	192
Psychology.....	3	.....	48	.....
Ethics and Logic.....	.....	3	48	.....
Genetics.....	.....	2	32	.....
Elementary Embryology.....	.....	2	16	48
Organic Chemistry*.....	4	.....	32	96
Total.....	15	15	368	336

*After Jan. 1, 1920, Organic Chemistry becomes a requirement for admission to the medical course and will, therefore, be given in the second collegiate year.

Departmental Announcements

Anatomy, Histology, Neurology and Biology

The Anatomical, Histological and Embryological Laboratories, Museum and Library

The anatomical laboratories occupy the top floor of the main building. They comprise the following: Large dissecting room 55 by 55 feet, which is well lighted by both skylights and windows; a study and recitation room, 36x36; private rooms for prosecuting and research work; an embalming room and a storage room. An abundance of material for class and research work is provided and great care is taken in its preparation.

The laboratories of histology, neurology and embryology are on the second floor of the laboratory building. The laboratories are equipped with one hundred modern Leitz microscopes, together with apparatus and sets of reagents for histological and embryological work.

On the third floor is a series of private work rooms for instructors and advanced students. These rooms connect with the research laboratory, which is equipped with apparatus for investigative work. During the past twelve years a considerable amount of anatomical material has been prepared for special work. A fairly large collection of human embryos and an embryological series of several vertebrates, provide material for investigation and class work.

The anatomical library contains all the standard textbooks and about 2,000 special monographs.

Students who are suitably qualified, and physicians who desire to do research work in the lines of anatomy, histology, neurology or embryology, will receive every encouragement which the department is able to offer.

Courses in Anatomy

1. HUMAN DISSECTION. The student makes a dissection of one-half of the body.

Laboratory, twelve hours a week, first semester, first year.

2. RECITATION IN GROSS ANATOMY, two hours a week, with course 1.

3. HUMAN DISSECTION. (Continuation of Course 1.)

Laboratory, ten hours a week, second semester, first year.

4. RECITATION IN GROSS ANATOMY, two hours a week, with Course 3.

Prerequisite for Courses 1 and 4—one year's preparation in Biology.

5. TOPOGRAPHICAL ANATOMY. Having completed the systematic dissections, the student proceeds to a study of the topography and relations of the various regions and parts of the body by means of serial sections of formalin-hardened bodies.

Laboratory, eight hours a week. Recitations two hours a week, first semester, second year.

Histology

6. This course presupposes familiarity with the use of the microscope and with microscopic methods. Various parts and organs are studied with reference to complexity in structure rather than location. The student is expected to provide himself with one hundred 4x6 library cards, and will make one drawing on each card, together with a notation of structural characteristic. Slides will be given out stained and mounted. The last two weeks are devoted to a review and the cards arranged according to the various systems and tracts. This course is primarily designed as a preparation for the study of pathology.

Lecture three hours; laboratory six hours a week, first semester, first year.

Embryology

7. The course in embryology presupposes certain fundamental knowledge of vertebrate biology and a course in general embryology of amphibian, reptile, bird and mammal is suggested as preparation. The study is confined to the relations as obtained in a 12 mm. and 16 mm. pig serial and is accompanied by gross dissection of larger pig embryos. The relations of tracts and systems are charted by the graphic method and the course is primarily one of organogenesis.

Lectures three hours; laboratory six hours a week, first half, second semester, first year.

Neurology

8. The second half semester is occupied by a brief course in the development of the nervous system and special sense organs. The student is required to make drawings of selected sections from a human brain stem serial and to dissect a human brain. The course concludes with the histology of the brain and special sense organs. The course is given as a preparation for the course in the physiology of the central nervous system.

Lecture three hours; laboratory six hours a week, second half, second semester, first year.

Biology

9. INVERTEBRATE ZOOLOGY. A study of the morphology, physiology, behavior, and life history of invertebrate animals. Special attention is given to parasitic protozoa, worms and disease bearing insects. Lectures and recitations, two hours a week; laboratory work, six hours a week, first Collegiate-Medical year, first semester.

10. VERTEBRATE ZOOLOGY. A study of the comparative anatomy and physiology of vertebrate animals. Attention is also given to problems of broader biological interest. Lectures and recitations, two hours a week; laboratory work, six hours a week, first Collegiate-Medical year, second semester.

Comparative Embryology

11. A comparative study of the origin, derivation and maturation of germ cells, and the early developmental stages of representative types of invertebrates and vertebrates. This course is designed to prepare the student for Course 7. Lectures one hour per week; laboratory work three hours per week.

Second semester, second Collegiate-Medical year.

Genetics

12. A study of the general problems of organic evolution and heredity, with a review of the more recent experimental work in animal and plant breeding. Lectures two hours per week.

Second semester, second Collegiate-Medical year.

Preparation in Biology prerequisite for these courses.

Research Courses

13. ANATOMICAL, HISTOLOGICAL AND EMBRYOLOGICAL RESEARCH. Hours to be arranged.

14. SEMINAR. The members of the department will meet fortnightly with those in Physiology and Pathology to present and discuss the results of their special investigations, to review recent contributions to anatomical literature and to consider the best lines of advance in selected fields of anatomical research.

Chemistry

1. GENERAL CHEMISTRY. Lectures and recitations, two hours each week throughout the First Collegiate-Medical year. Chemical Theory from the viewpoint of medical practice. The fundamental principles of chemistry illustrated and explained by those substances and reactions which are industrially, historically or physiologically important. The elements of toxicology and the toxicology of inorganic substances.

2. LABORATORY EXERCISES, six hours each week throughout the first Collegiate-Medical year.

A careful study of qualitative and quantitative reactions, designed to confirm and illustrate the laws of chemical action, and to develop proficiency in standard methods of analysis. Together with those of the following courses, these exercises are intended to lead the student to such a mastery of chemical methods as will enable him intelligently and effectively to attack, from their chemical side, the problems which medical practice will later propose.

3. ANALYTICAL CHEMISTRY. Second Collegiate year: First semester. A large amount of practical work in unknowns will be required. Volumetric and gravimetric methods of quantitative analysis.

4. ORGANIC CHEMISTRY. Lectures and recitations three hours each week, second semester, Second Collegiate year. Outline of organic chemistry, with emphasis on the properties of the chief classes of organic substances and on the reactions which may be employed in their recognition. The toxicology of organic poisons.

5. LABORATORY EXERCISES, nine hours each week, first semester, Freshman year. A limited number of organic syntheses followed by numerous general and specific qualitative reactions for the recognition of important classes of organic compounds, as well as of individual substances. Methods of detecting the more common organic poisons and of discovering dangerous impurities in suspected therapeutic agents.

6. PHYSIOLOGICAL CHEMISTRY. Lectures and recitations, four hours each week, second semester, Freshman year. A detailed study: (1) of the chemistry of the chief constituents of foods; (2) of the varied processes of food metabolism; (3) of the intermediary and end products of these processes; (4) of the more important animal tissues, secretions and excretions.

7. LABORATORY EXERCISES, nine hours each week, second semester, Freshman year. An extended individual study of

the above processes; with preparations, tests and quantitative determinations of those substances met with, which have biological or clinical importance, especially those in blood and urine.

Dermatology and Syphilology

1. LECTURES ON DERMATOLOGY AND SYPHILOLOGY, including Vaccination, to the Senior class, one hour each week, first semester.

2. PRACTICAL CLINICAL INSTRUCTION IN DERMATOLOGY AND SYPHILOLOGY to the Senior class in sections, thirty-two hours for each student; St. Louis University Dispensary, City Hospital, Alexian Brothers' Hospital and St. Mary's Dispensary.

Diseases of Children

1. LECTURES: Didactic Lecture, one hour each week to the Junior class, throughout the year.

2. CLINICAL INSTRUCTION, Children's Clinic, St. Louis University Dispensary, one hour each week for the Junior class in sections, throughout the year.

3. PHYSICAL DIAGNOSIS OF INFANTS AND INFANTS' FEEDING, three hours each week throughout the year to the Senior class, in divisions; 48 hours to each student; at various institutions.

4. CLINICAL INSTRUCTION, in sections, at the City Hospital, Infectious Hospital, Jewish Dispensary and St. John's Dispensary and at other institutions for the Senior class, in sections, 40 hours each student.

5. DIDACTIC LECTURES, to Senior class, one hour each week. This course comprises lectures on selected topics by members of the department.

Ear, Nose and Throat Diseases

1. CLINICAL LECTURES, with recitations, one hour a week, to the Senior class. As large a portion of the subject as possible is presented in these clinical lectures. Patients are

brought before the class to illustrate points in diagnosis symptomatology, history taking and prognosis. Where the subject does not lend itself well to demonstration by this method, lectures are given and conferences or recitations are held.

From time to time topics are assigned which students are required to study in text-books and other publications which are available. After a proper time they are required to present a written thesis upon the subject. The German publications are referred to one or two students, the French to one or two, and also the English. The written papers are read before the class and a general discussion indulged in by the members.

Several periods of this course will be assigned to the different instructors, who will present designated topics to the class.

2a. ANATOMY OF THE NOSE. Senior class in sections, the large collection of preparations belonging to the department being available for this purpose. Two hours.

2b. ANATOMY OF THE PHARYNX AND LARYNX. Senior class in sections. Two hours.

2c. ANATOMY OF THE EAR. The Gross Anatomy of the Ear. Demonstrations to the Senior class in sections. Two hours.

3. PRACTICAL CLINICAL INSTRUCTION, Senior class in sections, thirty-six hours for each student: St. Louis University Dispensary, St. John's Clinical Dispensary, Alexian Brothers' Dispensary, St. John's Hospital and City Hospital.

4. POST-GRADUATE INSTRUCTION. The following institutions are available for instruction: City Hospital, St. Louis University Dispensary, St. John's Hospital, Alexian Brothers' Hospital.

5. ORAL SURGERY. Demonstrations by operations.

Experimental Medicine

The object of this department is to furnish an agency for the investigation of clinical medicine through experimental

methods. The information gained in this field of medicine is necessary for a more thorough appreciation of the phenomena of disease in human subjects.

While most of the activity of this department will be devoted to problems with which the students will not be intimately associated, lectures will be given on investigative methods and results, and by co-operating with the clinical department, a co-ordinated understanding of disease will be promoted.

A few students in the advanced classes, whose work and inclination justify it, will be accepted for special instruction.

Genito-Urinary Surgery

1. LECTURES, twenty hours in all, to the Senior class, first semester.

2. CLINICAL INSTRUCTION to the Senior class in sections, thirty-six hours for each student: University Dispensary, City Hospital, Alexian Brothers' Dispensary, St. John's Hospital.

Hygiene and Preventive Medicine

1. LECTURES. This course embraces the principles of sanitary science, public health and preventive medicine. Junior class, one hour a week throughout the year.

a. It begins with the study of the causes of disease; extrinsic or environmental; intrinsic or constitutional.

b. Ancient and modern conception of the cause of disease. Development of bacteriology. Infection. Immunity.

c. Environmental causes of disease. Air, Water, Temperature, Foods.

d. Municipal Sanitation. State and Federal control.

e. Occupational Disease.

f. Personal Hygiene.

g. Preventive Medicine, based upon a thorough study and understanding of the causes of infectious diseases and the methods by which they are spread.

h. Quarantine, Isolation, Disinfection.

Medical Law and Ethics

1. LECTURES. Positive Law and the Profession of Medicine, two hours a week throughout the first semester, to the Senior class.

2. LECTURES. Natural Law and the Profession of Medicine, one hour a week for eight weeks, second semester, to the Senior class.

Medicine

The course in medicine begins in the second semester of the second year with the study of Normal Physical Diagnosis. A routine examination of the body is insisted upon from the beginning, so that a definite method will be fixed in the student's mind.

During the third year symptomatology and diagnosis are given especial emphasis. The class matter consists of Clinical Pathology; of quiz work in small sections from a standard text-book of medicine; of division clinics to follow and emphasize the text-book teaching; of Physical Diagnosis and diagnostic methods; and of practical application in the out-patient clinics.

The fourth year is given to the study of disease in the out-patients' departments and in bedside instruction in the various hospitals. A course of lectures is also given on selected topics by the different members of the department. Clinical conferences are conducted, in which reports of interesting cases, essays on selected topics, etc., are discussed by the students themselves. Clinical Pathology, analyses and all forms of laboratory diagnosis demanded of the students are conducted in a laboratory especially fitted out for the use of Senior students.

1. NORMAL PHYSICAL DIAGNOSIS, lectures, one hour a week. Laboratory, two hours a week. Sophomore class during the second semester.

2. RECITATIONS FROM TEXT-BOOK, three hours a week, Junior class, throughout the year.

3. DIAGNOSTIC CLINICS, Junior class, to follow text-book work, two hours a week throughout the year: City Hospital and St. John's Hospital.

4. PHYSICAL DIAGNOSIS, Junior class, four hours a week, half clinical and half didactic, devoted to lectures, demonstrations and practical exercises at the bedside.

5. CLINICAL PATHOLOGY, Junior class, one hour lecture and two hours laboratory a week, throughout the year.

6. LECTURES ON CLINICAL PHYSIOLOGY, for Juniors, one hour a week throughout the year.

7. OUT-PATIENT PRACTICE, in sections, Junior class, 32 hours for each student, throughout the year, at the Dispensaries.

8. THERAPEUTICS. Lectures and recitations three hours a week, second semester, Junior class.

9. LECTURES ON SELECTED TOPICS, one hour a week, Senior class, throughout the year.

10. EXTERN SERVICE, three hours five days a week for twelve weeks for each Senior student, a total of 180 hours; Alexian Brothers' Hospital, City Hospital, St. John's Hospital, St. Anthony's Hospital and St. Mary's Infirmary.

11. CLINICAL CONFERENCES BY DIFFERENT MEMBERS OF THE DEPARTMENT, one hour a week throughout the Senior year.

12. CLINICAL PATHOLOGY, Senior class in sections, in connection with Extern Service at the various hospitals.

13. DIETO-THERAPY, two hours a week, first semester, Senior class.

Nervous and Mental Diseases

1. NEUROLOGY. Recitations from text book. Junior class in two divisions, one hour a week.

2. TECHNIC OF NEUROLOGICAL EXAMINATIONS. Junior class in sections, 12 hours, at the City Hospital.

3. NEUROLOGY. Senior class in two divisions, one hour a week.

4. NORMAL PSYCHOLOGY AND PSYCHIATRIC METHODS. Junior class one hour a week, first semester.

5. PSYCHIATRY. Recitations from text book. Junior class in two divisions, one hour a week, second semester.

6. PSYCHIATRY. Clinical Course at the City Sanitarium, Senior class, 32 hours.

7. NEUROLOGY. Clinical instruction in Dispensaries and ward work in St. Louis City and Alexian Brothers' Hospitals. Senior class, 30 hours.

Obstetrics and Gynecology

Obstetrics

1. LECTURES: NORMAL LABOR, two hours a week to the Junior class, during the first semester.

2. RECITATIONS: COMPLICATIONS OF LABOR, one hour a week, Junior class, during second semester. A standard text-book is used as the basis for this course.

3. LECTURES: OPERATIVE OBSTETRICS, one hour a week, to Junior class, second semester.

4. CLINICAL DEMONSTRATIONS in sections, Junior class, second semester, six hours for each student.

5. LECTURES, DYSTOCIA AND PATHOLOGY OF THE PUERPERIUM, one hour a week throughout the year to Senior class.

6. RECITATIONS AND QUIZZES, one hour a week, second semester, to Senior class.

7. DEMONSTRATIONS AND PRACTICE ON MANIKIN. Begins with four lectures to entire Senior Class (4 hours), followed by sectional instruction on the manikin, three hours for each student, second semester.

8. PRACTICAL INSTRUCTION. Each student must personally attend at least seven cases, about 100 hours. Record of the cases before and after confinement must be filed at the office. This work is given in the Senior year.

Gynecology

9. LECTURES AND DEMONSTRATIONS. The Etiology, Pathology and Symptomatology of Gynecological Diseases, two hours a week to the Junior class, second semester.

10. GYNECOLOGICAL EXAMINATIONS (with Course 4.)

11. DIDACTIC AND CLINICAL LECTURES WITH DEMONSTRATIONS, on selected topics one hour a week, to the Senior class. By members of the department.

12. QUIZZES AND CONFERENCES, one hour a week during one semester, to the Senior class.

13. PRACTICAL INSTRUCTION IN DISPENSARY AND WARDS, twenty-five hours for each student.

Ophthalmology

1. LECTURES to Junior class, one hour a week, second semester.

2. CLINICAL AND DIDACTIC LECTURES to Senior class one hour a week throughout the year.

3. CLINICAL INSTRUCTION to Senior class in sections, 18 hours for each student: St. Louis University Dispensary, Alexian Brothers' Dispensary, St. Mary's Dispensary, St. John's Dispensary.

Pathology and Bacteriology

Equipment

The laboratories for this department consist of a large well-lighted room with ample capacity for eighty students, a research laboratory, preparation rooms and private rooms for the teachers of the department.

The laboratories are equipped with one hundred modern Leitz microscopes (which are used in common with histology), oil immersion lenses, projectascope, and all necessary material for teaching and research in Pathology and Bacteriology according to advanced standards.

In the pathological research laboratory is ample equipment for all kinds of histological work, including paraffin, celloidin and freezing methods of tissue preparations, microtomes, incubators, thermostats, reagents, stains, museum jars, glassware, etc. There is also equipment for serum and immunity work.

The material for teaching and research purposes represents carefully selected tissues from autopsies and surgical operations that have been collected for a number of years.

Material for gross demonstrations comprises several hundred museum specimens covering a great variety of special lesions and including malignant and benign new growths.

General and Special Pathology

The course in Pathology consists of laboratory work, demonstrations, post-mortem examinations, lectures and recitations, practical work predominating.

Lectures or recitations are given six times a week. It is the object of the lecturer to cover in the course of a year all of the essential points in general and special pathology. The topics of the lectures precede the laboratory work, so that the student has fresh in mind a general survey of a given subject immediately before he begins its more specific study with tissue and microscope.

Twelve hours a week during the second semester are devoted to laboratory work. Each student mounts and keeps his own specimens. In addition a large number of specially selected demonstration specimens are shown. Every specimen must be drawn and objectively described and deductions made from the observations. Every drawing and description is submitted to an instructor and must be satisfactory before it is passed by him.

In addition to the microscopic work, demonstrations are given of gross lesions, both by means of fresh material and museum preparations, so that a knowledge of the gross appearance goes along with the study of microscopic changes.

Autopsies

The Snodgrass Laboratory of Pathology and Bacteriology, in connection with the City Hospital, offers, through the courtesy of the Hospital Commissioner and the Director of the Laboratory, opportunity for autopsy material to the medi-

cal schools of St. Louis. Sections of the class are sent to the Snodgrass Laboratory for autopsy work. The private hospitals furnish a considerable number of autopsies to the Department. An opportunity to see specially selected medico-legal autopsies has been made possible through the courtesy of the Coroner of St. Louis.

Surgical Pathology

The teaching in this course is included in the course given in the Sophomore year in general pathology. The object of the course is to equip the student with a comprehensive knowledge of the gross and microscopical appearance of benign and malignant new growths, the changes caused by these, and the ultimate results. The etiology, development, method of growth, spread and recurrence of tumors is studied.

Gynecological and Obstetrical Pathology

This course was established with the purpose of correlating the pathological findings of the female pelvic organs with the symptomatology as described in the lectures on Gynecology and Obstetrics. It is therefore supplementary to these lectures and gives the student a comprehensive picture of the physiological and pathological changes, both gross and microscopic, which take place in these tissues.

As many gross specimens as are available are shown illustrating the topics under discussion, and slides of all the important pathological processes are furnished the students as a part of their permanent collections whenever possible.

Experimental Pathology

Students who show special interest in the work will be given an opportunity to participate in the experimental work that is conducted in the department. Special demonstrations along this line are given to the class from time to time in connection with diseases of the circulatory and respiratory systems, ductless glands and immunity.

Research Courses

Every encouragement will be given to those who wish to undertake research work. A limited number who desire can receive instruction in methods of fixing, mounting and cutting sections, and in the various differential stains, and all essential features of pathological technic.

Bacteriology

In the course in Bacteriology the especial effort is made to correlate the study of the pathogenic micro-organisms with the pathological manifestations. For this purpose the gross and microscopic pathology of the diseases produced by the micro-organisms is correlated with the study of the individual organisms.

The lectures cover the biological position of the various pathogenic micro-organisms, the general morphology, and classification of the organisms, their biology and occurrence, the principles of disinfection and sterilization, methods of examining and identifying bacteria, and finally the study of the individual pathogenic micro-organisms. The laboratory course dwells chiefly upon the methods of cultivation and identification of the various pathogenic bacteria, special staining methods, or cultural methods. The student is given the opportunity to familiarize himself with methods of sterilization and preparation of media, but relatively little time is spent upon this work. He is taught the principles of bacteriological examination of water, air and soil, and the practical value of such examinations. The bacteriological examination of sputum or smears is dwelt upon.

Parasitology

In the continuation of the course in Bacteriology the higher unicellular organisms causing disease in humans are studied; demonstrations of the spirochetes, trypanosomes, hemocytzoa and other protozoa are given and when possible the living organisms are studied by the students, in order to enable them to familiarize themselves with the structure and life cycle of these organisms.

Serology and Immunity

The lectures deal with the principles of immunity, the various types of immunity, the immune bodies and the method of their production, their relation to the reaction of the human body to infection, and the use of specific serum therapy in disease. The various clinical uses of the serum reactions, Wassermann reaction, Widal reaction and preparation of vaccines, are demonstrated and the student is given the opportunity to learn by practical exercise the more common clinical serological methods. In other cases demonstrations are given to illustrate the various reactions of immunity, and to make more clear the mechanism of immunity. In all such demonstrations the students are given as much opportunity as possible to assist in the experiment.

Courses in Pathology

1. LECTURES OR RECITATIONS, six hours a week, second semester, the Sophomore class, covering general and special pathology.

2. LABORATORY WORK, twelve hours a week, Sophomore class, second semester.

3. AUTOPSIES, three hours a week to sections of the Sophomore class, the equivalent of one hour a week for each student included in Course 2. Snodgrass Laboratory, City Morgue.

4. NEUROPATHOLOGY, four lectures and laboratory periods, as part of Courses 1 and 2.

5. SURGICAL PATHOLOGY. Eighteen hours a week for two weeks as part of Courses 1 and 2.

6. GYNECOLOGICAL PATHOLOGY. Two hours a week for the second semester, Junior class.

Courses in Bacteriology and Parasitology

7. LECTURES AND QUIZZES IN BACTERIOLOGY, two hours a week during the first semester, Sophomore class.

8. LABORATORY WORK IN BACTERIOLOGY. Six hours a week during the first semester, Sophomore year.

9. LECTURES IN IMMUNITY, one hour a week during the first semester, Sophomore class.

10. LABORATORY WORK IN IMMUNITY, four hours a week during the first semester Sophomore year.

Research Courses

11. RESEARCH IN PATHOLOGY AND BACTERIOLOGY.

12. SEMINAR. The members of the department will meet fortnightly with those in Anatomy and Physiology to present and discuss the results of their special investigations. to review recent contributions to pathological literature and to consider the best lines of advance in selected fields of research.

Physics

1. COLLEGE PHYSICS, lectures and demonstrations, two hours a week; laboratory, six hours a week, course open to Collegiate-Medical students.

This course is given in the Physics Laboratory of the College.

Physiology and Pharmacology

Laboratories and Library

The laboratories for Physiology and Pharmacology occupy the top floor of the new building. They are fitted out with the apparatus necessary for modern courses for medical students. Several small laboratories for research have also been equipped. In the new wing recently completed are an animal operating room, an animal hospital, a shop and two research laboratories. An animal house and runway occupy the roof of the wing. A departmental library is maintained for the use of teachers and students.

Instruction

The instruction in Physiology is given throughout the Sophomore year. The student before beginning his work in Physiology must have completed his dissection; histology, neurology, embryology, organic and physiological chemistry.

The courses consist of systematic lectures upon animal physiology supplemented by work in the laboratory, demonstration of experiments that cannot be carried out conveniently by the student, frequent oral or written quizzes and recitations.

In the laboratory the student becomes acquainted with the use of simpler forms of physiological apparatus. He is given an opportunity to work out for himself, so far as time will permit, the fundamental experiments of physiology; to develop the power of accurate observation and description; the ability to arrange results in a logical order and to draw only warranted conclusions.

The strong modern tendency toward lack of correlation between the fundamental and clinical years is recognized and an attempt made in the course in physiology to so clinch the information given the student that when he comes to his clinical work it will be easily available. This is done, for example, by indicating now and then some pathological variation in function encountered by the student in his clinical medicine. Occasionally also an Instructor from the proper department is called in to demonstrate a human subject that shows in some respect a clean-cut deviation from the normal.

Courses in Physiology

1. PHYSIOLOGY OF MUSCLE, BLOOD, CIRCULATION, RESPIRATION AND ANIMAL HEAT. First semester, Sophomore year.

Lectures, demonstrations, recitations and quizzes, four hours a week.

Laboratory work, four hours a week.

2. **PHYSIOLOGY OF THE NERVOUS SYSTEM, SENSES, DIGESTION, ABSORPTION, METABOLISM AND EXCRETION.** Second semester, Sophomore year.

Lectures, demonstrations, recitations and quizzes, four hours a week.

Laboratory work, four hours a week.

3. **LIBRARY WORK.** Each student in Courses 1 and 2 is assigned a subject, with references to the original literature, which he must consult and critically review. Many of these reviews are presented before the class.

Courses in Pharmacology and Materia Medica

4. **PHARMACODYNAMICS.** Demonstrations of the actions of drugs on animals. This course serves as an experimental basis for the purely didactic work of the following semesters and is counted as half laboratory and half didactic work. Six hours a week, second semester, Sophomore year.

5. **PHARMACOLOGY AND MATERIA MEDICA.** Lectures and recitations six hours a week, first semester, Junior year.

Surgery

SURGICAL PATHOLOGY (See Course 5, Department of Pathology.)

1. **MINOR SURGERY,** two hours a week, Sophomore class, second semester.

2. **PRINCIPLES OF SURGERY.** Recitations and Lectures, two hours a week throughout the year to the Junior class.

3. **OUT-PATIENT DISPENSARY WORK,** thirty-two hours for each student of the Junior year, throughout the year. Section work at the Alexian Brothers' Hospital, University Dispensary, St. John's Dispensary, St. Mary's Dispensary and Jewish Hospital Dispensary.

4. **FRACTURES AND DISLOCATIONS.** Lectures to the Junior class, second semester, two hours a week.

5. **ORTHOPEDIC SURGERY.** Lectures to the Junior class, one hour a week, second semester.

6. DIAGNOSIS CLINICS. Junior class, in divisions, at St. John's Hospital and City Hospital, three hours a week for each student throughout the year.

7. OPERATIVE SURGERY AND SURGICAL ANATOMY ON THE CADAVER AND ANIMALS. Senior class, in sections, thirty hours for each student.

8. REGIONAL SURGERY, recitation course, two hours a week, first semester, Senior year.

9. EXTERN SERVICE. Three hours daily for twelve weeks for each Senior student, 180 hours: City Hospital, St. Mary's Infirmary, Alexian Brothers' Hospital, St. John's Hospital.

10. ANESTHESIA. Lectures and Demonstrations, Senior year. (Hours and instructor to be appointed.)

11. PRACTICAL CLINICAL INSTRUCTION IN ORTHOPEDICS. Senior class in sections, fifteen hours for each student: University Dispensary, City Hospital and St. John's Clinical Dispensary. Operations in other hospitals, on call, about six hours for each student.

Requirements for Admission

Admission to the Four Years Course

In addition to the required full four years course of 15 units in an accredited high school, the following required college credits covering two years of college work must be presented:

*SEMESTER HOURS

BRANCHES	LECTURES and RECITATIONS	LABORATORY	TOTAL
English.....	6 hours	.....	6 hours
Foreign Language...	8 hours	.....	8 hours
Biology.....	4 hours	4 hours	8 hours
Physics.....	4 hours	4 hours	6 hours
Chemistry†.....	6 hours	6 hours	12 hours
Electives	18 hours	.....	20 hours
	46 hours	14 hours	60 hours

Time of Admission

For the most part students will find it advantageous to enter at the beginning of the First Semester in October, 1920; but qualified students may begin their work with the Second Semester, February 1, 1921, or with the Summer Term, about June 1. All new students and those who have conditions are advised to be present on September 27 the first day of registration. No student entering more than one week after the beginning of a semester can receive full credit.

Requirements for Graduation

1. Four annual courses of not less than thirty-two weeks each, no two being in the same year, are required of every candidate for graduation.
2. The last year's course shall have been taken in this institution.
3. Acceptable evidence of good moral character must have been filed.

*Each semester hour signifies one hour of lecture or recitation or three hours of laboratory work.

†After Jan. 1, 1920, four of these twelve hours must be in Organic Chemistry.

4. The candidate shall be at least twenty-one years old.
5. He shall have satisfactory credits and pass his final examinations in accordance with the rules laid down by the Faculty.
6. All indebtedness to the school shall have been paid.

Time of Graduation

Regular graduation exercises are held at the end of each semester. Occasionally students are graduated at the end of the Summer School.

Fees for the Regular Courses

Matriculation Fee (paid but once).....	\$ 5.00
Tuition Fee (Freshman, Sophomore, Junior and Senior classes), each year.....	175.00
Tuition Fee for Premedic classes, each year.....	140.00
Deposit (returnable in part) for all classes.....	10.00
Diploma Fee	10.00

No charge is made for dissecting material nor for laboratory practice, but each student is required to deposit \$10.00 to cover mimeographing, laboratory supplies, breakage and damage done to any college property. This amount, less the actual cost of the above items, will be returned to each student at the end of the session.

When possible, loss or damage is charged to the student who is responsible; but in some cases it may be divided among a class or group of students, if the Dean considers such procedure just. The purpose is to make every student a guardian of the college property.

Deposit fees are payable in advance at the beginning of the school year.

Tuition fees are payable one-half at the beginning of each semester, October 1 and February 1. No fees are returnable except the deposit above mentioned.

Internships

Every medical student should look forward to a service of one or two years in a good hospital before going into private practice. Within a few years, probably such a service will be one of the prerequisites to medical licensure in most of the States of this country. It is already required in some States.

Hospital Examinations and Appointments

Annual competitive examinations for positions on the house staffs of the St. Louis City eleemosynary institutions, the St. Louis City Hospital, Sanitarium, etc., are held under direction of the St. Louis City Hospital Staff. These examinations are open to graduates of all the medical schools of the country, and the successful competitors are appointed for a period of one year, which may be extended to two or three, dependent on satisfactory service and efficiency on the part of the incumbent.

The Kansas City General Hospital and other hospitals offer their examinations for internships in St. Louis so that students may take them without inconvenience.

Many hospitals appoint their interns without examination, on recommendation by the authorities of this Medical School.

Summer Courses in Medicine

Summer Courses in Medicine were inaugurated at the close of the regular session of 1907-1908. They are designed for three classes of students:

First, graduates in Medicine who may wish to review fundamental subjects or to take further clinical instruction; second, under-graduates in Medicine who wish to secure advanced standing or to remove deficiencies; third, teachers and others who do not care for credit in medicine or who contemplate entering on the medical course later.

These courses are planned so as to secure the widest possible range of study, care being taken to utilize the facilities of the University and of the city to the greatest advantage.

The Summer courses in medicine will begin Monday, June 7, 1920.

School of Dentistry

School of Dentistry

Officers

REV. WILLIAM F. ROBISON, S. J., Ph.D.,
President.

JAMES P. HARPER, D. D. S.,
Dean.

CHARLES H. CLOUD, S. J., A. M.,
Regent.

Administrative Board.

JAMES P. HARPER, D. D. S.
CHARLES H. CLOUD, S. J., A. M.,
HANAU W. LOEB, A. M., M. D.
DON R. JOSEPH, M. S., M. D.

Introductory Statement

History

See page 74.

Location

The College Buildings are located on Compton Hill, Grand avenue and Caroline street, the highest point in St. Louis. From the College all portions of the city are readily reached by means of electric car lines passing the College or its immediate vicinity.

The situation of the College is favorable for securing desirable clinical patronage. This is an advantage of importance to a dental college. The Infirmary is daily visited by patients from all parts of the city and its environs.

College Buildings

The College Building has been carefully arranged to meet all the demands of structures devoted to similar educational purposes. Full equipment for teaching, such as models, microscopes, lantern slides, etc., has been provided.

The Technic Laboratories which occupy almost the whole of the first floor, are divided into separate sections, one for each class. In these departments modern appliances for the most approved work have been installed, such as porcelain furnaces, etc., lathes, electric connections and devices of various kinds.

Two rooms on the second floor are set apart for the extraction of teeth and the taking of impressions and are provided with the latest equipment for this class of work.

The lecture rooms and chemical, histological and pathological laboratories are equipped with modern appliances and are conveniently located for the use of the students.

Library

The students' library contains all the latest text-books, books of reference and journals pertaining to both dental and medical subjects. A librarian has charge of the library, which is open to the students at all hours of the day.

Outline of Course

The course of instruction covers four years, comprising didactic lectures, clinical lectures, laboratory work, practical clinical work in operative and prosthetic dentistry; stereopticon displays from drawings, photographs and microscopical slides; written reviews, recitations, written and oral examinations and quizzes.

Anatomy—Dental

The course in Dental Anatomy includes a careful study of the surfaces, ridges, fossae, grooves, etc., of the individual teeth of both the deciduous and permanent sets; their origin, formation, calcification, eruption and peculiarities in formation and growth.

Freshman Class: Lectures 3 hours a week.

Anatomy—General

The courses in General Anatomy are designed to give the student a working knowledge of the subject, with special reference to the anatomy of the parts in which the student, and later the practitioner, are most vitally interested.

Sophomore Class: Lectures 2 hours a week; Laboratory, 6 hours a week.

Senior Class: Review Course, one hour a week.

Biology

Invertebrate Zoology: A study of the morphology, physiology, behavior and life history of invertebrate animals. Special attention is given to parasitic protozoa, worms and disease bearing insects. Lectures and recitations, one hour a week; laboratory work, four hours a week, Freshman year, first semester.

Vertebrate Zoology: A study of the comparative anatomy and physiology of vertebrate animals. Attention is also given to problems of broader biological interest. Lectures and recitations, one hour a week; laboratory work, four hours a week, Freshman year, second semester.

Ceramics

A course of lectures and demonstrations on Dental Ceramics covers the theory and technic of porcelain art as applied to the practice of dentistry. Special attention is given to the preparation of cavities, and the baking of porcelain restorations in the technic course.

Senior Class: Second semester.

Chemistry-Inorganic

The course consists in a study of the elements, their compounds, characteristics and properties.

Freshman Class: Lectures and Demonstrations, 5 hours a week.

Sophomore Class: Lectures and Laboratory, 2 hours a week.

Senior Class: Review Course, 1 hour a week.

Clinics

The final success of a dentist depends largely upon what he can do himself, and upon the skill and judgment with which he operates upon the patients who present themselves for his services.

Skill and judgment can be acquired only by practice. The clinic is the heart of the dental school, and in proportion to the amount of judgment the student has and the skill he develops in the clinic under the direct supervision of experienced instructors will be the degree of his success when, after graduation, he starts upon the work of his profession.

The St. Louis University School of Dentistry as above stated, is particularly fortunate in this respect, having abundant clinical material at its disposal. During the year May 31, 1918—June 1, 1919, 16,314 patients presented themselves at the Dental clinic for treatment. In addition the Dental School maintains six out-clinics in public and private institutions, which are equipped with complete dental outfits, where students from the Dental School on certain days do the needed dental work, as follows:

1. Clinic at Open Air Schools (St. Louis Public Schools).

2. Clinic at St. Philomena's Technical School.

3. Clinic at St. Joseph Orphan Asylum.

4. Clinic at St. Louis City Industrial School.

5. Clinic at Good Shepherd Industrial Home.

6. Clinic at City Work House.

In addition to the above a number of other eleemosynary institutions send their charges to the clinic for dental services. On two days of the week a large part of the clinic is devoted exclusively to indigent public school children work. Under the direction of officers of the Health Department of the public schools of St. Louis hundreds of school children from all part of the city are treated without charge.

All the above work is done by students under proper supervision, special demonstrators being assigned to the various sections.

A monthly test examination in practical dentistry is given to the Senior class to determine the progress made by them in practical infirmary work.

Dental Economics

Dental Economics, while a new subject in the dental curriculum, has proven of interest and value to the student. The lectures treat of the economic side of the profession and the advantages of applying method and system to the details of practice. The ethical element in these questions is also insisted upon.

Senior Class: 8 hours, second semester.

English

A practical course in college English which is intended to give the student the ability to express himself fluently, clearly and effectively.

Freshman Class: 3 hours a week.

Exodontia and Anesthesia

In this course the technic of extraction is systematically presented by illustrations and lectures so that the entire plan of operative procedure for any case may be readily comprehended. The instrument to be used for each tooth, the method of applying the instrument and extraction movements are fully described and demonstrated. The extraction of teeth in the numerous stages of decay, the different malocclusions and the most frequent form of abnormalities are methodically treated. The extraction of impacted teeth, especially the inferior third molar, is thoroughly demonstrated. The important subject of After Treatment, with special reference to pain and hemorrhage, is carefully considered. The pathologic conditions of tissue and practical methods of diagnosis are critically analyzed. In addition to this, a clinical course is given so that the student may have a practical knowledge of this important subject.

Throughout this course, the Roentgenological Department is brought into use for diagnostic and demonstration purposes.

The course of Anesthesia is in the hands of an expert anesthetist who treats the subject of both local and general anesthesia, giving, in addition, practical demonstrations.

Senior Class: Lectures and Demonstrations, 1 hour a week.

Histology

The course in microscopic anatomy covers the structure of the various body tissues, special emphasis being laid upon the structure of the teeth and of the surrounding tissues. In this course are also considered the elements of embryology, with particular reference to the development of the teeth.

Each student is provided with a compound microscope and a series of mounted sections of the tissues as they are studied.

Freshman Class: 4 hours a week.

Jurisprudence

The legal responsibility of dental practitioners and also the relations of the public to the dentist are clearly explained by the lecturer in this course.

Senior Class: 8 hours.

Materia Medica and Therapeutics

In this course special stress is laid upon the physiological actions and rational uses of drugs peculiar to dental practice. Such subjects as weights and measures, the preparation of percentage solutions, prescription writing, methods of administration, and the more important poisons and their antidotes are also considered.

Sophomore Class: 2 hours a week.

Senior Class: Review Course, 1 hour a week.

Metallurgy

Instruction in this subject includes the nature and physical properties of metals, especially those used in dentistry; the manipulation of metals, annealing and tempering; the manufacture of alloys, dental amalgams and solders.

The laboratory is complete with furnace, fume chamber and all apparatus necessary to make the course thoroughly practical.

Sophomore Class: 2 hours a week.

Operative Technic

This course is designed to give the student a thorough training in the preparation of cavities in bone teeth, manipulation of the various filling materials and familiarity with the names and uses of the various instruments used in operating. Entire Freshman year and first semester of Sophomore year.

Freshman Class: 6 hours a week.

Sophomore Class: 7 hours a week, first semester.

Operative Dentistry

To restore teeth which have become diseased to normal or functional condition, is the ideal of operative dentistry.

The course in Operative Dentistry includes operative technic and clinical practice throughout the entire course.

To facilitate the training of the student in the recognition and accomplishment of the ideals of dental art, instruction in the detail of all operations upon the teeth is given in the technical laboratory, clinic, and by lectures.

The aim of the course is to bring out all that is eminently practical. It includes instruction on the preparation of cavities, filling with all materials commonly used, such as gold, amalgam, tin and cement; also with gold and porcelain inlays; the theories taught are amply demonstrated in the clinic and cover all that has been proven valuable by practical experience.

Sophomore Class: 1 hour a week.

Senior Class: 1 hour a week.

Oral Surgery and Hygiene

Since Dentistry is a branch of Surgery, students must be taught the practical application of surgical principles to the major lesions of the mouth. This is the subject-matter of this course. Students are instructed in, and made to carry out, the detail necessary for surgical treatment. Members of the Senior class are permitted to assist in the operative work of major character and even to perform such operations as it is deemed proper for them to undertake. A clinic in oral surgery is utilized for instruction.

Special attention is given to pyorrhea alveolaris and its treatment; students are given the opportunity of studying and practicing the latest methods for the relief of this condition.

The course in Hygiene gives careful consideration to the subject of the mouth, its care, etc., prophylaxis, the predisposing factors of disease, the principles on which im-

munity depends, the relation of ventilation, water supply, food, etc., to the public health, climatology, heredity and vital statistics.

Junior Class: 2 hours a week.

Senior Class: 2 hours a week.

Orthodontia

By using the mechanical denture, the laboratory course in Orthodontia is made extremely practical to the student, the various deformities found in the human mouth are reproduced, appliances for moving the teeth are adjusted and the teeth moved into alignment; finally, retaining appliances are made and adjusted on the teeth. These models are the student's property and used by him for study and reference when treating the numerous practical cases which are constantly occurring in the clinic.

Junior Class: 2 hours a week.

Senior Class: 1 hour a week.

Osteology

Freshman Class: 2 hours a week, second semester.

Pathology and Bacteriology

In addition to the fundamentals of Bacteriology, methods of cultivation and identification of bacteria, sterilizations, etc., the more important organisms and the diseases which they cause are studied systematically. The bacteria of the mouth and throat receive special attention.

Sophomore Class: 4 hours a week.

Pathology is taught in the Junior year. In this course are studied the more important lesions which may occur in tissues. The special dental diseases are taken up in the course in Dental Pathology.

Junior Class: 4 hours a week.

Bacteriology and pathology are reviewed in the Senior year.

Lectures in Dental Pathology embrace a consideration of all the diseases of the oral cavity, bearing on dentistry. Special attention is given to all diseases of the dental pulp and pericemental membrane, from simple inflammation to alveolar abscess.

Freshman Class: 1 hour a week, second semester.

Sophomore Class: 1 hour a week, first semester.

Physics

A lecture course in mechanics, heat, and electricity. Those portions of physics that are of most interest to the dental student, such as the theory of X-ray, are given special attention.

Freshmen Class: 2 hours a week.

Physiology

This course aims to give the student a general knowledge of the normal activities of the human body. Emphasis is laid on the nervous system, muscular tissues, circulation, respiration, digestion and excretion.

Junior Class: 3 hours a week.

Senior Class: 1 hour a week.

Prosthetic Technic

Embraces in detail the construction of the various forms of artificial dentures and appliances used in modern dentistry.

In these several courses it is the aim to teach not only the more mechanical processes, but also that combination of art with mechanism which enables the practitioner to effect so much in restoring the symmetry of the face and usefulness of the teeth, when they have been lost or impaired by accident or disease.

Freshman Class: 4 hours a week.

Sophomore Class: 4 hours a week.

Junior Class: 4 hours a week.

Senior Class: 3 hours a week.

Prosthetics: Crown and Bridge Work

In the lectures of this course particular stress is laid upon the harmonious relations existing between mandibular movements (three-point contact), articulation and tooth arrangement. During the entire four years of the Dental Course special practical instruction is given in tooth selection and in the arrangement and restoration of harmonious conditions.

All varieties of crowns and bridges are studied with their indications and contra-indications; the preparation of teeth and construction of parts to correspond to the organs lost.

Sophomore Class: 3 hours a week.

Junior Class: 3 hours a week.

Senior Class: 2 hours a week.

Roentgenology

Roentgenology has become so valuable an adjunct to the practice of dentistry that no course can be considered adequate that does not provide the student with the necessary instruction to familiarize him with the interpretation of dental Roentgenograms and with the nature of X-rays and the technique required for their use.

Recognizing this necessity, the University has installed a Roentgenological laboratory, with a complete equipment where the clinic work can be radiographed, giving valuable training to the students and insuring the best results to the patients.

Senior Class: Lectures and demonstrations 2 hours a week.

Technical Drawing

A course in elementary mechanical drawing that is intended to inculcate habits of neatness and precision.

The course will consist in practice in the use of drawing instruments, the production of simple working drawings, and of dental charts.

Junior Class: 3 hours a week, 1 semester.

Requirements for Admission

These are the same as are outlined by the Dental Educational Council of America, revised March 26, 1918.

"The requirements for entrance shall consist of graduation from an accredited high school or academy which requires for graduation not less than fifteen units of high school work obtained in a four years' course beyond the eighth grade of the elementary school. No conditions on the foregoing entrance requirement shall be allowed.

An accredited high school is defined as one which is accredited as a four-year high school by the United States Bureau of Education, or by a University which is a member of the Association of American Universities, or by the State University of the State in which the high school is located.

In the case of an applicant who is not a graduate from a high school or academy, as defined above, the full equivalent of such education in each individual case must be established, and attested to by the highest public educational officer of the state in which is located the dental school which the applicant seeks to enter."

Requirements for Graduation

The candidate for graduation must be of legal age and of good moral character; must present to the faculty the required clinical record of practical operation on the natural teeth, must sustain a satisfactory examination in the branches taught and must prove his fitness for the practice of dentistry.

His time of study must include attendance on four courses of lectures, the last of which must be at this Institution.

His deportment during the course must have been unexceptional, and attendance upon all lectures, clinic and other instruction in the course must have been in accord with the requirements of the school.

Attendance on any course of lectures in other recognized dental colleges having similar requirements will be accepted as equivalent to a corresponding course in this school. Graduates of medical colleges will be required to attend three full years of instruction in this school, including all laboratory and clinical requirements, and all lectures, before applying for graduation.

Having complied with the above requirements, the faculty will recommend the candidate to the Board of Trustees of the University as entitled to receive the degree of Doctor of Dental Surgery.

Dental Instruments

Each student is required to procure certain instruments with which to do the necessary work. A list of the proper instruments will be furnished by the Dean upon application, but no instruments should be purchased until this list is secured.

Tuition Fees

Freshman Year

Matriculation, payable before October 2nd.....	\$ 5.00
Deposit Fee, payable October 2nd.....	10.00
Tuition, 1st semester, payable October 2nd.....	80.00
Tuition, 2nd semester, payable February 1st.....	80.00
Total fees first year.....	\$175.00

Sophomore Year

Deposit Fee, payable October 2nd.....	\$10.00
Tuition, 1st semester, payable February 1st.....	80.00
Tuition, 2nd semester, payable February 1st.....	80.00
Total fees second year.....	\$170.00

Junior Year

Deposit Fee, payable October 2nd.....	\$10.00
Tuition, 1st semester, payable October 2nd.....	80.00
Tuition, 2nd semester, payable February 1st.....	80.00
Total fees third year.....	\$170.00

Senior Year

Deposit Fee, payable October 2nd.....	\$10.00
Tuition, 1st semester, payable October 2nd.....	80.00
Tuition, 2nd semester, payable February 1st.....	80.00
Total fees fourth year.....	\$170.00

Students are not admitted to classes until all fees for the current semester are paid. No exception will be made to this rule.

The matriculation fee is paid but once, when the student enters the school. The deposit fee is paid annually by all students and covers damage done to any college property and college supplies used. The amount of this fee, less the actual cost of property damaged and supplies used, will be returned to the individual student at the end of the session. Insurance and locker charges may be paid out of deposit fee. No other fees are charged.

According to the regulations of the school, no tuition fees are returnable. Should the student discontinue his studies, any fee or fees paid will hold good for a subsequent course, but they are not transferable.

Institute of Law

Institute of Law

Officers

REV. WILLIAM F. ROBISON, S. J., A. M., Ph.D.,
President of the University.

PAUL BAKEWELL, LL. D.,
Dean.

REV. MATTHEW McMENAMY, S. J., A. M.,
Regent.

ALPHONSE G. EBERLE, A. B., LL. B.,
Secretary.

Introductory Statement

A special announcement giving detailed information of this department is published annually. For copies of such announcement or for other information relating to the department of law, address the Registrar, St. Louis University Institute of Law, 3642 Lindell Boulevard, St. Louis, Mo.

History

See page 74.

Course of Instruction

The complete course of studies in this school (1) prepares the student for the Bar, by giving him a thorough instruction in legal reasoning and in the general principles and rules of American Law; (2) prepares the student to practice law in any English-speaking jurisdiction; (3) offers to advanced students instruction in all that belongs to law in its scientific and wider sense; (4) extends to students who do not propose to practice law, but who wish to pursue some particular branches of legal or political knowledge, any assistance they may require for these studies. These four and distinct phases of instruction are known as the Degree Course, the Graduate Course and the Special Course.

The Undergraduate or Degree Course covers a period of three years in the Day School and four years in the Night School, and leads to the degree of LL. B. It embraces all the branches scheduled, with reasonable provision for advanced standing in the case of students who have completed elsewhere the work of the earlier years.

The Graduate Course, leading to the degree of LL. M., may be entered upon by students who have received the degree of LL. B. from this or some other approved school of law.

The Special Course will depend largely upon the option of the student, the opinion of the Faculty in each particular

case, and always upon the ruling of the Dean. But the course once chosen must be pursued and completed with the same thoroughness as is required in the regular courses.

Two Schools of Instruction

The course of instruction is carried out in two schools, viz.: a Day School and a Night School. The circumstances of a great body of desirable law students have made the Night School of Law a necessity, at least in this country and at this time. These young men are forced to work during the day, and cannot take advantage of the lectures then given. On the other hand, experience has established the fact that in this class of aspirants we often find the brightest legal talent. Some of the ablest lawyers and judges in the country have received their legal education in night schools.

Nor does the fact that the school is held in the evening detract in any way from the efficiency of the course. The same studies are pursued. The same advantages of library consultation and practice court exist. The same ability in professors is as available in the evening as during the day, and the hours of class are substantially equivalent in number and duration.

The Day School opens every morning except Sundays and legal holidays, at 8:30 o'clock, and continues until 11 o'clock. In the afternoon classes are resumed at 3:30 o'clock, and continue until 6 p. m. The Night School opens every Monday, Wednesday, Friday and Saturday evening at 7:30 o'clock, and closes at 9:30 p. m., the intervening evenings being allowed for study and lectures.

System of Instruction

There are three distinct systems of instruction employed in the law schools of the United States, viz., the Lecture system, the Text system, and the Case system.

The Lecture system aims at imparting knowledge by a series of set daily lectures and is followed by recitations consisting of a series of questions or quizzes meant to elicit the student's grasp of the subject and improve his expression. The Text system contemplates the daily study of assigned portions of chosen text-books and recitations upon the same in the class-room, amplified by such explanations or lectures by the instructor as may be deemed necessary and a repetition of the portion so explained. The Case system teaches the law by the study of adjudicated cases. According to this method, the student is given a selected case which he is required to examine in search of the principles on which the case was originally decided, and is required to collate the essential facts, and the rules of law applied thereto, in a summary which gives an exact statement of the law involved in the case of the process of legal reasoning.

These systems have their advantages and their drawbacks. Thus the Lecture system is credited with affording the student a connected, systematic and doctrinal knowledge of the law. It supplies the want of proper manuals, or renders the student independent of all manuals. It is suited to the constant, rapid, and changing advance of legal science, and saves time and money for the student. On the other hand it ignores and eliminates the mental discipline of the student; cultivates his memory at the sacrifice of his understanding and is adapted to courses of less importance and courses that are more specialized.

The Text system, it is claimed, gives more definite and permanent impressions of the principles and rules of legal science through the study of standard text-books, the careful analysis of leading cases, followed by the explanation and examinations of the recitation room. But then, again, it is asserted that this system stunts the mental growth of the lawyer. It cultivates his memory, not his legal talent, and is suited for less difficult branches.

The Case system, it is said, is better suited to develop the analytic faculties of the mind, at the same time that the memory is stored with legal principles. It is the nearest approach to the work of the practicing lawyer, who examines adjudicated cases in search of the principle of law applicable to the case in question. Yet it is objected, that the system is so slow that, where it is followed exclusively, the average student graduates without having learned even the most elementary branches of the law, simply for the lack of time to do the work.

Believing, therefore, that each system has its advantages, the St. Louis University Institute of Law does not commit itself to any one system to the exclusion of the other. It will employ, or at least countenance the employment by its professors of all these various systems. The three systems will, it is believed, give more satisfactory results, under the present conditions of law schools in the United States. We believe that the student, generally speaking, will get from the mixed system as much if not more than he would from an exclusive system. He will learn all that he would learn in an ordinary Case system school. Over and above this he will possess a systematic knowledge and a familiarity with branches of the law of which he would have been profoundly ignorant under the Case system alone. On the other hand, he will, in our mixed system, acquire a mental discipline which the Lecture and Text-book system would not impart. In a word, in our mixed system, the student will have the depth of the Case system and the breadth and definiteness of the Lecture and Text-book system.

Entrance Requirements

A. For Freshman Year—Without Examination

1. Graduates from Colleges and Universities composing the Missouri College Union.

2. Graduates from all other Colleges and Universities of like grade and standing.

3. Graduates from Normal Schools, Technical institutes and Scientific schools of Collegiate standing.

4. Graduates from four-year high schools of recognized grade.

5. Special students who have removed their entrance conditions.

6. Students who have had a preliminary education equivalent to a four-year high school course of approved grade.

B. For Freshman Year—With Examination

All other applicants for the first year of law who cannot qualify under one of the above conditions must pass an examination in English Grammar, Rhetoric, Composition and Literature; in Latin version and translation from Nepos, Caesar, Virgil, or Cicero's essays; in readings from the German, French, Italian or Spanish; in ancient and modern history, and in the history of England and the United States; in Algebra, Plane Trigonometry; in Physics, Botany, Chemistry and Geography.

Applicants who are required to take an entrance examination should present themselves for examination on Monday, September 3, at 10 a. m., at the University.

If a student is admitted with conditions in entrance subjects, he must remove such conditions a year from the time when they were imposed.

Unless the applicant come from another Law school, he will not be admitted to the first year class after the second week in December.

All students are urged to enter at the beginning of the year.

The examinations for the first year of law are conducted at the same time and by the same members of the

Faculty as the examination of candidates for admission to the College of Letters and Science.

Those intending to apply for examination to the first year of law should notify the Registrar of the Institute before the opening of classes, and also apply for directions, as examinations cannot be taken later.

C. For Advanced Students—For the Junior Year of Law

a. **EDUCATIONAL REQUIREMENTS.** The applicant must be at least nineteen years of age, and have fulfilled all the requirements specified for admission to the first year of Law, or give proof of a satisfactory grade of scholarship. Examinations, however, in any other subjects required by the Faculty for admission to the Junior year may be demanded.

b. **PREVIOUS LEGAL ACQUIREMENTS.** Admission to the Second Year of Law will be granted to those applicants—

1. Who have passed satisfactory examinations in all the prescribed courses of study of the First Year.

2. Who have studied one or more years in a Law School of the Association of American Law Schools, or in one of their substantial equivalents; (Students thus admitted, however, must pass examinations in courses previously pursued in the class and which they have not taken before or at the close of the year, as the Dean will decide in each case.)

3. Who have, actually in good faith, and as their principal occupation, pursued for a period of fifteen months, in the office or under the guidance of some reputable practitioner or instructor, a course of study fairly equivalent to that pursued in the First Year, and who present to the Dean the affidavit of such practitioner or instructor showing with particularity that this requirement has been met.

D. For Advanced Students—For the Senior Year of Law

Students from other Law Schools of high grade will receive credit, not, however, exceeding two years in amount, for the satisfactory completion of work done in these schools similar in character to that required in this school.

E. For Special Students

Special students are those applicants for entrance who do not desire to pursue regular work, but have for their aim to perfect themselves in some branch of the law, or to take up law as a preparation for business or political life, or who desire an enlarged view of our political or legal institutions and systems and the rules which govern them. The following persons will be admitted to this school as special students:

1. Holders of academic degrees in Arts, Literature, Philosophy and Science;

2. Persons whose previous education qualifies them to pursue the studies in which they wish to specialize;

3. Special courses will be selected under the guidance of the Dean and must be pursued with the same thoroughness as in the regular course. No applicant under twenty-one years of age will be permitted to specialize in this school.

4. Special students will receive a certificate for all work done.

5. Special students may enter at any time as candidates for a degree, provided they have met the entrance requirements for regular students.

Practice Court

The Practice Court is essential to an efficient course in law. Students, as a rule, go directly from the law school into practice, without serving a preliminary clerkship in a law office. This has made it necessary for the Institute to

provide the instruction in pleading and practice which formerly the student obtained during his law-office apprenticeship. The practice courts furnish the student with as thorough a knowledge, and give him as great a familiarity with the actual practice of law, as can be obtained in a law office. It is not, therefore, merely a moot court, or forum for the argument of disputed questions of law; it is a training school in which the student is systematically put through the routine of office work, court proceedings and the practical duties of professional life.

In addition, therefore, to the courses in procedure in which instruction is given in the principles and general rules of practice in state and federal courts, the Institute maintains an organized Practice Court, which is divided into a Circuit Court and a Supreme Court, with a full corps of officers.

The Circuit Court hold four sessions monthly, on Saturday. At certain sessions, motions, demurrers, pleas, and all proceedings of an interlocutory or preliminary nature, and which in actual practice precede the hearing of the case, are disposed of. At the other sessions of the court cases are tried, or such proceedings are had as are usual at the final hearing of cases in trial courts. Juries are drawn and impaneled, evidence introduced, instructions given, verdicts and judgments are rendered as in the regularly established courts of the country. Appeals and writs of error are prosecuted in due course to the Supreme Court, where briefs are filed and arguments made as in the best conducted Appellate practice. The students issue, serve and return regular process, prepare and file the proper pleadings, conduct the trial, and make the legal argument. In this way they are given practical experience in the commencement of suits, the preparation of pleading, the argument of lawyers, the trial of the case, the entry of judgment, the taking out of execution, and the appealing of the case to the court of last resort.

The Freshmen will act as process servers, witnesses and jurors in this court and assist in preparation of causes. The conduct of the trial is in rotation assigned to the Juniors and Seniors. Professors experienced in judicial work will regularly preside or be present.

The Supreme Court, to which cases may be appealed or taken by writ of error from the Circuit Court, sits monthly, or oftener, as the work before it may require. This court is presided over by a member of the Faculty and two or four members of the Junior or Senior class. Written briefs are required to be prepared, served properly, and submitted to the court. Written opinions containing a full discussion of the legal question presented are required to be handed down by the student justices. Neatness, accuracy and lawyer-like method of expression will be insisted upon in the composition of these opinions, in the writing of briefs, and the execution of all other work before the Practice Court.

Each student will be required during the Junior year to try at least one case in the inferior court, and to take it by appeal to the superior court. In the third year each student will be required to take part in at least two causes, one at law and the other in equity, in the circuit court, and on appeal, in the supreme court.

Outline of Courses

The course of studies is arranged for four years for the Night school and for three years for the Day school and a Post-Graduate Course of one year, given as a night course. The Day school course is so distributed as to require a minimum of fourteen hours of actual recitations, lectures, and practice court work per week. In the Night school the minimum number of hours assigned to the same work will be ten hours each week, from each class.

In addition to the courses indicated in the schedule of studies, provision will be made each year for courses of lectures, and for single lectures by eminent specialists in the profession.

The course of studies will always be subject to revision and change. For it will always remain in the power of the Faculty to raise or lower the fees for tuition, to modify the curriculum, or to otherwise adjust matters pertaining to the conduct of the school as in its wisdom it will judge to be for the best interests of the Institute.

THE DAY SCHOOL—FRESHMAN YEAR.

Courses	Text, Case-Book, Author, or Method	Hours per week	Semester	Class Days	Hours of Class		Professor, Lecturer, Instructor
					A. M.	P. M.	
Bailments and Carriers Agency	Elliott	1 hr.	II	Friday	.....	4:00-5:00	Professor Boisaubin
Contracts	Steel; Mechem's Cases	1 hr.	I, II	Tuesday	9:30-10:30	.....	Professor Eberle
	Lawson; Cases	2 hrs.	I, II	Monday Wednesday	9:30-10:30	.....	Professor Eberle
Criminal Law and Pleading	Clark and Marshall Knowlton's Cases	1 hr.	I, II	Monday	.....	5:00-6:00	Professor Bishop
Torts	Cooley on Torts (Student's edit.); Burdick's Cases.	2 hrs.	I, II	Mon. and Thurs.	8:30-9:30	.....	Professor English
Common L. Plead.	Andrews, Stephen's Common Law Pleading; Shipp and Daish's Cases	2 hrs.	II	Wednesday Friday	8:30-9:30	.....	Professor Brennan
Sales	Burdick, F. M. (3d edit.)	2 hrs.	I	Tues. and Fri.	8:30-9:30	.....	Professor Neumann
Elementary Law	Robinson's Elementary Law (New Enlarged Edition)	1 hr.	II	Tuesday	8:30-9:30	.....	Professor Eberle
	Wambaugh on the Study of Cases;	2 hrs.	I	Wed. and Fri.	8:30-9:30	.....
*Study of Cases	Smith	1 hr.	II	Monday	.....	3:30-4:30	Professor Fabick
Personal Property	Looking up the Law	1 hr.	II	Friday	.....	5:00-6:00	Professor Daly
*Ethics and Nat. L.	Coppens	1 hr.	I	Monday	.....	8:30-4:30	Professor Wallace
*How to Use Library	Lectures and Practice	1 hr.	II	Friday	.....	9:30-10:30	Professor Daly
Practice Court	.....	1 hr.	I, II	Monday	.....	3:30-4:30	Professor Daly
				Saturday	.....	7:30	Professor Grider

* Occasional Lectures.

THE DAY SCHOOL—JUNIOR YEAR.

Courses	Text, Case-Book, Author, or Method	Hours per week	Semester	Class Days	Hours of Class		Professor, Lecturer, Instructor
					A. M.	P. M.	
Bills and Notes	Ogden	1 hr.	I, II	Thursday	.....	5:00-6:00	Professor Mulvihill
Evidence	Jones on Evidence; Wigmore's Cases	2 hrs.	I, II	Tues. and Thurs.	8:30-9:30	.....	Professor Robbins
Property	Real Property; Tiffany	2 hrs.	I, II	Mon. and Thurs.	9:30-10:30	.....	Professor Robbins
Domestic Relat's.	Long	1 hr.	I, II	Tuesday	.....	5:00-6:00	Professor Dolan
Partnership	Mechem	1 hr.	I	Friday	9:30-10:30	.....	Professor Eberle
Quasi-Contracts	Woodward	1 hr.	II	Friday	9:30-10:30	.....	Professor Eberle
Code Pleading	Phillips	1 hr.	I, II	Friday	8:30-9:30	.....	Professor Pearcy
Damages	Sedgwick's Elements of Damages	1 hr.	II	Tuesday	.....	3:30-4:30	Professor Tompkins
Equity Jurisdic.	Pomeroy's Equity Jurisdic. (Stu. Edit.); Hutchin's and Bunker's Cases	2 hrs.	I, II	Mon. and Wed.	8:30-9:30	.....	Professor Barth
Bankruptcy	Bankruptcy Act and Williston's Cases	1 hr.	II	Friday	.....	5:00-6:00	Professor Kane
Corporations	Clark (Third Edition)	2 hrs.	I, II	Mon. and Wed.	.....	5:00-6:00	Professor English
Practice Court	.....	1 hr.	I, II	Saturday	.....	7:30	Professor Grier

THE DAY SCHOOL—SENIOR YEAR.

Courses	Text, Case-Book, Author, or Method	Hours per week	Semester	Class Days	Hours of Class		Professor, Lecturer, Instructor
					A. M.	P. M.	
International Law	Hershey's Essentials of Int. Law	1 hr.	I	Tuesday	8:30-9:30		Professor Edmunds
Conflict of Laws	Minor	1 hr.	I, II	Monday	8:30-9:30		Professor Robbins
Constitutional L.	Black; Boyd's Cases	1 hr.	I, II	Friday		5:00-6:00	Professor Thomason
Municipal Corporations	Ingersoll	1 hr.	II	Wednesday	8:30-9:30		Professor English
Suretyship	Childs	1 hr.	I, II	Thursday	9:30-10:30		Professor Eberle
Civil Procedure	Abbott's Civil Jury Trials	1 hr.	I, II	Friday	8:30-9:30		Professor Grimm
Wills, Administration and Est.	Woerner's Law of Decedents' Estates	1 hr.	I, II	Tuesday		4:00-5:00	Professor Conran
Insurance	Vance	1 hr.	I	Monday		5:00-6:00	Professor Chapman
Trusts	Kennison, Cases	1 hr.	I, II	Wednesday	9:30-10:30		Professor Dyer
*Patent Law	Lectures	1 hr.	I	Wednesday		5:00-6:00	Professor Bakewell
Federal Proc.	Babbitt's Thayer (2nd Edit.)	1 hr.	II	Thursday	8:30-9:30		Professor Hald
*Legal Ethics	Warvelle's Legal Ethics; Lectures	1 hr.	II	Tuesday	9:30-10:30		Professor Robbins
Extraord. Legal Remedies	Cases	1 hr.	I	Thursday	8:30-9:30		Professor Jones
Public Service Corporations	Burdick, Cases	1 hr.	I	Wednesday	8:30-9:30		Professor English
Amer. Advocacy Practice Court		1 hr.	II	Tuesday	9:30-10:30		Professor Robbins
		1 hr.	I, II	Saturday		7:30	Professor Grier

* Occasional Lectures.

POST-GRADUATE YEAR

Courses	Text, Case-Book, Author, or Method	Hours per week	Semester	Class Days	Hours of Class P. M.	Professor, Lecturer, Instructor
Jurisprudence	Holland	1 hr.	I	Wednesday	7:30-8:30	Professor Barth
Legal Sociology	Lectures	1 hr.	I, II	Friday	8:30-9:30	Professor Muntsch
Roman Law	Sherman	1 hr.	I, II	Friday	7:30-8:30	Professor Lilly
English Constitutional Law	Bowyers' Constit. Law of England	1 hr.	I	Wednesday	8:30-9:30	Professor Dolan
Legal Medicine	Stewart	1 hr.	II	Wednesday	8:30-9:30	Professor Kane
Corporations	Missouri Practice	1 hr.	II	Wednesday	7:30-8:30	Professor English

PROGRAM
OF
FOUR-YEAR NIGHT SCHOOL
SEPTEMBER, 1919-20.

THE FOUR YEAR NIGHT SCHOOL—FRESHMAN YEAR.

Courses	Text, Case-Book, Author or Method	Hours per week	Semes- ter	Class Day	Class Hour	Professor
Elementary Law	Robinson (New Enlarged Edition)	1 hr.	I	Monday	7:30-8:30	Professor Eberle
Torts	Cooley on Torts (Student's Edition)	1 hr.	I, II	Monday	8:30-9:30	Professor English
Criminal Law and Procedure	Clark and Marshall; Knowlton's Cases	1 hr.	I, II	Wednesday	8:30-9:30	Professor Bishop
Agency	Steele on Agency; Mechem's Cases	1 hr.	I, II	Wednesday	7:30-8:30	Professor Claiborne
Domes. Relations	Long	1 hr.	I	Friday	7:30-8:30	Professor Dolan
Contracts	Lawson; Cases	1 hr.	I, II	Friday	8:30-9:30	Professor Eberle
Bailments	Elliott	1 hr.	II	Friday	7:30-8:30	Professor Dolan
Personal Property	Smith	1 hr.	II	Monday	7:30-8:30	Professor Fabick
Practice Court		1 hr.	I, II	Saturday	7:30	Professor Grler

THE FOUR YEAR NIGHT SCHOOL—SOPHOMORE YEAR.

Courses	Text, Case-Book, Author or Method	Hours per week	Semes- ter	Class Day	Class Hour	Professor
Common L. Plead.	McKelvey	1 hr.	I, II	Monday	7:30-8:30	Professor English
Real Property	Tiffany on Real Property	2 hrs.	I, II	Monday Friday	8:30-9:20	Professor Robbins
Sales	Burdick	1 hr.	I, II	Friday	7:30-8:30	Professor Neumann
Bills and Notes	Ogden	1 hr.	I, II	Wednesday	8:30-9:30	Professor Mulvihill
Damages	Sedgwick's Elements of Damages	1 hr.	I	Wednesday	7:30-8:30	Professor Waechter
Practice Court		1 hr.	I, II	Saturday	7:30	Professor Grier

THE FOUR YEAR NIGHT SCHOOL—JUNIOR YEAR

Courses	Text, Case-Book, Author or Method	Hours per week	Semester	Class Day	Class Hour	Professor
Quasi-Contracts	Woodward	1 hr.	II	Wednesday	7:30-8:30	Professor Lashly
Equity	Pomeroy's Equity (Student's Edition)	2 hrs.	I, II	Monday Wednesday	7:30-8:30 8:30-9:30	Professor Barth
Code Pleading	Phillips on Code Pleading	1 hr.	I, II	Friday	7:30-8:30	Professor Pearcy
Evidence	Jones on Evidence; Wigmore's Cases	1 hr.	I, II	Friday	8:30-9:30	Professor Hay
Partnership	Mechem's Elements and Cases	1 hr.	I	Wednesday	7:30-8:30	Professor Eberle
Bankruptcy	Bankruptcy Act	1 hr.	I	Monday	8:30-9:30	Professor Kane
Ext. Legal Rem.	Lectures	1 hr.	II	Monday	8:30-9:30	Professor Barth
Practice Court		1 hr.	I, II	Saturday	7:30	Professor Grier

THE FOUR YEAR NIGHT SCHOOL—SENIOR YEAR.

Courses	Text, Case-Book, Author or Method	Hours per week	Semes- ter	Class Day	Class Hour	Professor
Constitutional L.	Black; Boyd's Cases	1 hr.	I, II	Friday	7:30-8:30	Professor McDonald
Suretyship	Childs	1 hr.	I	Monday	8:30-9:30	Professor Barth
Wills and Administrations	Woerner's Law of Decedents' Estates	1 hr.	I	Wednesday	8:30-9:30	Professor Woerner
Corporations	Clark (Third Edition)	1 hr.	I, II	Wednesday	7:30-8:30	Professor English
Conflict of Laws	Minor	1 hr.	I, II	Monday	7:30-8:30	Professor Robbins
Advocacy and Legal Ethics	Robbins' American Advocacy—Lectures	1 hr.	II	Friday	8:30-9:30	Professor Robbins
Fed. Procedure	Thayer (Second Edition)	1 hr.	II	Wednesday	7:30-8:30	Professor Barth
Insurance	Vance	1 hr.	I	Friday	8:30-9:30	Professor Chapman
Practice Court		1 hr.	I, II	Saturday	7:30	Professor Grier

Examinations

1. All examinations are to be submitted in writing.
 2. The members of all classes will be given examinations on all subjects in their respective years, at the conclusion of each subject.
 3. Besides the prescribed studies of the regular courses, students will also be given examinations in (1) elective courses, (2) in optional studies, if any were prescribed.
 4. All students, unless excused by the Dean, must present themselves for examination in all the subjects for which they are registered, at the first examination held therein; and in case of excuse from any examination, such students must take the examination when the reason for the excuse has ceased.
 5. No student will be permitted to take an examination in a subject for which he is not registered, and no special examinations will be given except by permission of the Dean.
 6. No student will be admitted to the second or third year if he has any conditions against him, and no student will be permitted to graduate until he has removed all his conditions.
 7. If a student of the first or second year class fail in one examination he will be granted a second examination, provided he present himself for such an examination before the beginning of the following term. If he fail in such second examination he will be allowed to repeat the course on that subject and thereafter take one more examination, and if he fail in such third examination he shall be required to withdraw from the school.
- If any student fail in three or more subjects he shall be required to repeat the course of studies for that year in full.
- If a candidate for graduation fail in any examination held during the first semester of the last year, he shall be

allowed a second examination, provided he make application for re-examination to the Dean within three months after the date of such failure, and if he fail in such second examination he shall be permitted to repeat the course in the following year.

If a candidate for graduation fail in any examination of the second semester, he shall not be permitted to graduate, but shall be allowed to repeat the course in either of the following two years, provided he make application to, and receive permission from the Dean, for such privilege, at least ten days before the opening of the school year, and meets the requirements of the Institute.

8. The Faculty reserves to itself the right to dismiss from the school at any time, or to strike off the list of candidates for the degree, any student whom it may deem unworthy, either on account of his neglect of study, his incapacity for the law, or for any grave defect of conduct or character.

Thesis

Every candidate for a degree shall be required to write a thesis upon an assigned topic of the law, in conformity with the following regulations:

1. The thesis must present an intelligent comparison and a learned discussion of English and American cases, carefully selected and logically treated, and must not be a mere collection of excerpts from standard treatises.

2. The thesis must be produced from an independent investigation of the selected cases, must manifest originality of thought and treatment, and must represent the unaided work of the student.

3. The thesis must be prefaced by a statement of the position contended for and contain an analytical outline of its contents. It should also contain an alphabetical list of cases cited with reference to the page of the thesis whereon cited. Cases must be cited by name of volume with the date of the decision added.

4. The thesis shall not contain less than 2,000 words, nor more than such number of words as may be determined by the Thesis Committee to be advisable for the proper treatment of the subject selected, the announcement of this maximum to be made at the time of the announcement of the subject. The thesis must be presented to the Registrar not later than April 2 of the year in which the degree is to be granted.

5. The Thesis Committee shall have power to reject any thesis which in the opinion of the committee does not measure up to the proper standard as based upon a percentage of $66\frac{2}{3}$, and a failure to attain such percentage shall have the same effect as a failure to pass an examination in any subject in the last semester of the Senior year.

Prizes

The Institute offers an annual prize of one hundred dollars in gold for the three best theses written under conditions above specified, to be divided as follows: fifty dollars to the first; thirty-five dollars to the second, and fifteen dollars to the third. Competition for these prizes is open to members of the graduating class, under such conditions and regulations as shall be prescribed by the Institute. The subject of the thesis will be announced not later than November 1st, 1919.

Work Leading to the Degree of Bachelor of Laws (LL. B.)

I. For Regular Students

1. Every candidate for the degree of Bachelor of Laws must give evidence of a satisfactory grade of scholarship, or he must have fulfilled the entrance requirements to the Institute of Law.

2. Every candidate must be of good character, and he must have attained the age of twenty-one years at the time he receives his degree.

3. Every student who has made the full course of undergraduate studies, and has performed all the required exercises of the practice court, and has passed his annual examinations with satisfaction, will be admitted to the degree of Bachelor of Laws at the end of his third year.

4. Any student who has not complied with the requirements for graduation at the end of his course may apply for his degree any time within two years thereafter, when such requirements have been met.

II. For Advanced Students

1. Students admitted to advanced standing are entitled to the same privileges as regular students, and graduate on the same conditions as regular students, except as follows:

2. They must be in regular attendance at the school one, two or three years, according to the grade of the class which they entered.

3. Advanced students of the Senior year must present two years' complete work in some approved law school, in order to graduate in one year.

Requirements for Admission to the Degree of Master of Laws (LL. M.)

For the benefit of those students who wish to pursue their legal studies further than they are able to do in the undergraduate years, a graduate course is offered, leading to the degree of Master of Laws (LL. M.)

The courses of lectures offered in this year of post-graduate work are as follows:

Philosophic Basis of Jurisprudence.

Roman Civil Law.

Legal Sociology.

English Constitutional Law.

Legal Medicine.

Corporations, Missouri Practice.

Those who enter this course as candidates for the degree must have already received the degree of Bachelor of

Laws from this or some other law college having a three-year course of study. Those who spend the entire year in the work prescribed for this course, and pass a satisfactory examination upon the subjects taken, will be entitled to the degree of Master of Laws.

1. Every applicant for the Master's Degree must have obtained his degree of Bachelor of Laws from this Institution or from a law school whose requirements are substantially equivalent.

2. Every candidate for the Master's degree will be required to take all the courses for the fourth year.

3. Every candidate for this degree must pass a satisfactory examination in all the subjects of study prescribed in Graduate Course.

4. Every candidate for the Master's Degree must present a thesis, the subject of which shall be determined by the Dean.

Certificate for the Completion of the Special Course

1. A certificate will be issued to each student in the Special courses after a satisfactory examination on the subjects upon which the candidate has specialized.

2. This certificate will set forth (1) the purpose for which the candidate specialized; (2) the subjects in detail upon which he has specialized; and (3) the degree of success with which he has pursued these studies.

Tuition and Fees

Matriculation Fee	\$ 5
Graduation Fee	10
Tuition for Day School, First Semester.....	50
Tuition for Day School, Second Semester.....	50
Tuition for Night School, First Semester.....	50
Tuition for Night School, Second Semester.....	50
Tuition for Post-Graduate Course, First Semester	30
Tuition for Post-Graduate Course, Second Semester	30

1. Tuition is payable semi-annually, or in monthly installments, but in each case strictly in advance.

2. Examination Fees, money for books, etc., are all payable strictly in advance.

3. Candidates for degrees must pay all bills due from them to the Institute ten days before Commencement.

4. Special students pay the same tuition as regular students of the school they attend.

Books

The first cost of books needed for the course is approximately as follows:—First year, \$32; second year, \$35, and the third and fourth years, \$40.

Living Expenses for Students

Good board and lodging can be secured near the University at reasonable rates.

Students may apply at the Institute or at the University for information and direction as to desirable board and lodging. For further information apply to the Registrar of the Institute.

Instruction in Other Departments of the University

Students of Law who are desirous of supplementing their legal education by courses in other departments of the University may do so free of charge, with the permission of the Dean, and under the direction of the Prefect of Studies of the University.

The Law Library

The Law Library contains a large collection of text-books, monographs on law, and case-books, and a choice selection of the present leading legal periodicals.

The body of the library is made up of the U. S. Supreme Court Reports, U. S. C. C. A. Reports, N. Y. Com. Law Reports, N. Y. Chancery Reports, N. Y. Supreme Court Reports, Mass. Supr. Court Reports, N. J. Law Reports, N. J. Equity Reports, Supreme Court Reports of Missouri, Illinois, Kansas, Iowa, Colorado, Texas, Arkansas, Tennessee, Kentucky, Utah, Wisconsin, Texas Civ. App. & Crim. App. Reports, Illinois App. Reports, Mo. App. Reports, N. Y. Ct. App. Reports, L. R. A. Reports and a large collection of decisions and digests of English and American Law, National Reporter System, Century Digest, Annual Digest, Decennial Digest, U. S. Digest, Missouri Digest, Ruling Case Law, various Encyclopedias and Law Dictionaries, U. S. Statutes and Statutes of many of the States.

A number of duplicate copies of all text-books used in the course are on the shelves of the library for the use of students who desire to prepare their studies in the library. A dozen copies of all case-books used in connection with text-books have been provided for the same purpose.

The library is open daily from 8:00 a. m. to 10:00 p. m. during the academic year and during the Christmas and Easter vacations from 9 a. m. to 6 p. m.

Further facilities are afforded the Institute by the courtesy of the Law Library Association of St. Louis. It grants to the students of the Institute the free use of its extensive and delightfully situated library on the top story of the Pierce Building, 4th and Chestnut Streets.

Other Library Facilities

The other library facilities for students who desire to keep up their reading and studies in literature, history and science, are very considerable. The Student's Library is well stocked with excellent and up-to-date works, and circulates among the students. The Young Men's Sodality library is an excellent collection of books and for a fee of \$1 a year circulates among those who are not members of

the Sodality. There is a very elegant reading room attached to this library. The University library contains a very large collection of over forty thousand volumes, and is noted for its many rare and valuable works. Besides these general libraries there are special reference libraries in the department of Theology, Medicine and Philosophy.

Musical, Literary and Athletic Organizations

All organizations in the University are open to Students of the Institute. Among these are the University Band, Orchestra and Glee Club organizations, which afford opportunity for those who desire to keep up their music, or to cultivate their taste and talent for music and song.

The Philalethic Society, the oldest debating and literary club in St. Louis, is open to Law students and will afford them rare opportunity for the exercise and development of those faculties and accomplishments so essential to the public speaker and to the lawyer.

The Faculty

The members of the Faculty are all lawyers engaged in the active practice of the law, with the exception of the resident Professors, who devote their time exclusively to instruction in the various classes of the Institute.

This composition of the teaching staff gives the Institute less of an academic atmosphere. It brings the student in contact, from the start in his career, with the practical and every-day life of the legal profession. Law professors who have retired from practice, or who have been students of the law for its own sake, often sacrifice its practical to its scientific and theoretical treatment.

Practitioners, on the contrary, bring to instruction in law the experience of men who have seen how the principles of law work out in the conduct of public affairs, and in the various and complicated relations of social existence. They are consequently in a better position to correct the theory and mere science of law by experience and practice.

The staff is further composed of men whose legal education has been received in the leading law schools of the United States, and who have been invited to occupy the chairs which they fill for their high standing in the community as men and as lawyers. The student enjoys in consequence the advantage of a training which partakes in the most substantial way of the results and excellent features of the other law schools of the country. On the other hand, the responsible character of the Faculty is a certain guarantee to the public that the men who graduate under them will not simply have their memories primed with legal formulae, but will be lawyers who enter upon their professional career with Christian ideals, well disciplined minds, and that deeply moral character which is to render their lives an honor to their college and a blessing to their country.

Location of the Institute

3642 Lindell Boulevard

To accommodate the number of young gentlemen who desire to take a course of law at the University it was found necessary to remove the Institute from its former location to 3642 Lindell Boulevard. A building has been erected which adjoins the Philosophical building of the University. The new quarters of the Institute have all the modern improvements and are especially adapted for law school purposes. They comprise four large and commodious lecture rooms, a perfectly equipped court room, a very extensive library, reading rooms, correspondence and conference rooms and an auditorium which will accommodate an audience of one thousand.

School of Commerce
and Finance

School of Commerce and Finance

Officers

REV. WILLIAM F. ROBISON, S. J., A. M., Ph.D.,
President of the University.

GEORGE W. WILSON,
Dean.

JOSEPH L. DAVIS, S. J., A. M.,
Regent.

FRANCIS A. THORNTON, A. M., LL. B.,
Secretary.

General Statement

Organization and Purpose.

The St. Louis University School of Commerce and Finance was established in the fall of 1910 to afford that exact and scientific training which is required today for success in the higher fields of business effort. It offers an advanced course of university and professional character and aims to produce industrial engineers, resourceful organizers and managers, expert accountants, specialists in the various lines of commercial activity.

Actual experience alone is too slow and costly a process whereby to obtain the necessary training. Schools, it is true, can not take the place of experience, but they can give to their students advantages which make experience incalculably more valuable. They can supply that scientific groundwork which makes for a larger success; and they can enrich the mind with a wealth of practical suggestion drawn from the accumulated experience of others.

It is chiefly on account of the need of such instruction that schools of this character established in recent years, at the leading universities, have met with such extraordinary results; results which have been nowhere more marked than at this particular institution. By far the greater number of our graduates have achieved remarkable success and are now holding responsible positions either in business or in the service of the government.

Great Need for Such Training Today.

There never was a time of greater need for training along the lines here given. The problems of commercial reconstruction and trade development arising from the termination of the world war require men well trained in

economics, in organization and management, in foreign commerce, in accounting and cost work, in banking and finance. In all lines of business there is and will continue to be a constantly increasing demand for a high order of technical commercial efficiency.

Faculty and Method of Instruction.

The success of the School of Commerce and Finance has been in a great measure due to the method of instruction employed, and to the character of its faculty. In all classes the best texts obtainable are used, and these texts are taught, wherever possible, by practical business men who have been successful for years in their respective lines. Accounting is taught only by practicing accountants, investments by investment bankers and brokers, insurance by insurance men, advertising by advertising men, banking by bankers, law by practicing lawyers, etc. This method of instruction insures a thorough, practical, as well as theoretical, training. Nothing desirable of a scientific character is neglected, economics and kindred topics are taught by trained university instructors, and there are classes and societies for investigation and research; but the emphasis is at all times placed on the practical side of each study, on how to apply the knowledge acquired in the class room to the solution of the actual problems of business.

Course Perfected by Experience

The course of studies, chosen originally after much thought and deliberation, has been elaborated and perfected by ten years' experience in the practical operation of the department. Methods and theories which actual use has shown to be less suitable to present day needs, have been discarded for those more progressive and effective. The curriculum now offered is the well balanced and smoothly operating course of studies made possible by continued observation and careful experiment in this field of education.

Entrance Requirements

This department being strictly of university standard will admit no students except those who have had a high school education or those whose actual experience in business will enable them to follow the courses with profit. Usually no student is admitted who is under 21 years of age. Any student who is a high school graduate, or who has received an equivalent education, may enter as a candidate for a degree.

Open to Women

All courses of this department are open equally to men and women. Existing conditions have made possible for the latter opportunities in the field of business never before presented. The demand for women well trained along commercial lines is today almost universal. All the branches of our curriculum are accessible to them and presented in a manner already proven helpful and effective.

Degrees and Certificates

The University will confer the degree of Bachelor of Commercial Science (B. C. S.) upon all regular students who are candidates for a degree, and who (1) shall submit a satisfactory original thesis on some economic question, and (2) shall have successfully completed a three years' schedule of classes, including all the prescribed courses, and such additional electives as will entitle them to the necessary credits.

Post Graduate Work

For those who wish to carry on their work after graduation, a post-graduate course is provided, requiring one year's resident graduate work on approved subjects, and leading to the degree of Master of Commercial Science.

Degree Courses for Graduate Law Students

A special schedule of courses may be arranged whereby students who have graduated from recognized law schools, are

enabled to obtain the degree B. C. S. upon the satisfactory completion of two years' work.

Certified Public Accountants

The courses in Accountancy and Law are so arranged as to thoroughly prepare the student to pass the examination required, under the laws of the State of Missouri, for the issuance of a Certified Public Accountant's certificate.

Cost Accounting

An advanced course in Cost Accounting is given for the benefit of practicing accountants; regular students may also attend this course if their standing is sufficiently advanced.

English and Public Speaking.

A course in English and Public Speaking is offered for graduates of the department, and for business and professional men and women generally. The classes in this course meet regularly during the year.

One Year Courses in Mercantile Law and Economics

The schedule of classes is so arranged that any student who wishes to devote himself exclusively either to Mercantile Law or Economics, may complete the course in either of these studies in one year.

Foreign Language Courses

The department offers courses in French and Spanish. The object aimed at is to give a thorough, practical knowledge of these languages to business men and women. Correct and technical commercial forms of expression are featured. These classes should prove of value to those interested in foreign trade, secretarial or correspondence work.

Library Facilities

Owing to the generous donation of friends and former students during the past years, the department now possesses

an exceptionally valuable library. A large number of carefully chosen works, on general and technical subjects, affords ample facilities for the investigation of any question touching upon commerce, industry, and finance.

Prizes

THE J. SHEPPARD SMITH PRIZE, donated by Mr. J. Sheppard Smith of the Mississippi Valley Trust Company, is awarded to the Senior who attains the highest general average in his examinations.

THE ECONOMIC CLUB PRIZES, donated by the Economic Club of St. Louis University, are awarded the Junior and Senior students who rank highest in their respective classes.

Location

The School of Commerce and Finance is situated in the south wing of the Administration Building of the University, on Grand Avenue and Pine Street. This location is equally accessible from the business and residence districts, lies at the exact geographical center of St. Louis, and can be quickly reached by street car from every part of the city.

Academic Year

The academic year commences on the first Monday in October and continues until the last Friday in May. It is divided into two terms or semesters, beginning on the first Mondays of October and February, respectively.

Evening Sessions

Classes are held on Monday, Wednesday and Friday evenings, beginning at 7:30 p. m.

Tuition and Fees

The tuition for all regular students taking a full schedule of courses is \$80.00 a year. Special students are charged in accordance with the number and character of the subjects studied.

All tuition must be paid by the quarter, and strictly in advance. The first quarter begins on the first Monday in October, and the three subsequent quarters begin on the first day of December, February and April respectively. No student shall, in any event, be allowed to remain delinquent in the payment of a quarter's tuition later than the end of the first month of the quarter.

Any student wishing to reduce his course must give notice of his intention to do so one quarter in advance; otherwise no allowance will be made on his tuition charges.

No tuition will be refunded to any student except in case of protracted illness.

No student will be allowed to advance to a higher class, or to graduate, until all of his financial obligations to the School are satisfied.

All students, whether regular or special, are charged a matriculation fee of \$5.00, to be paid but once, for enrollment by the University.

A graduation fee of \$10.00 is charged to degree students for graduation; and one of \$3.00 to certificate students.

Conditional examinations, \$2.00.

Other Information

The University reserves at all times the right to temporarily withdraw any course in which less than ten students are enrolled.

For further information address the Secretary of the School of Commerce and Finance, St. Louis University, Grand Avenue and Pine Street, St. Louis, Mo.

During the summer months the Secretary or some other officer of the faculty may be found at the University from 12:30 to 1:30 p. m., and from 3:30 to 6:30 p. m. Special appointments may be arranged for at other hours. Catalogs sent on request.

--- --- **HOURLY SCHEDULE OF FIRST YEAR COURSES.**

Time.	Monday	Wednesday	Friday
7:30	Economics	Contracts; Agency	Ethics
8:15	Accounting	Business Management	Accounting
9:00	Accounting	Advertising Salesmanship	Accounting

--- --- **HOURLY SCHEDULE OF SECOND YEAR COURSES.**

Time.	Monday	Wednesday	Friday
7:30	Investments; Credits	Corporations; Partnerships	Advanced Economics
8:15	Accounting or Some Elective	Banking	Accounting or Some Elective
9:00	Accounting or Some Elective	Corporate Finance	Accounting or Some Elective

--- --- **HOURLY SCHEDULE OF THIRD YEAR COURSES.**

Time.	Monday	Wednesday	Friday
7:30	Sales, Bailments and Carriers	Advanced Economics	Negotiable Instruments; Bankruptcy
8:15	Accounting or Some Elective	Foreign Com- merce or other elective	Accounting or Some Elective
9:00	Accounting or Some Elective	Some Elective	Accounting or Some Elective

HOUR SCHEDULE OF ELECTIVE COURSES.

Time.	Monday	Wednesday	Friday	Saturday
7:30	Political Science		European Monetary Systems	Commercial English
8:15	Junior Accounting	Economic Resources	Junior Accounting	
8:15	Senior Accounting	Trade Labels and Patent Rights	Senior Accounting	
8:15	Cost Accounting	Interstate Commerce Law	Real Estate	Economic Seminar
8:15	English and Public Speaking	Landlord and Tenant	Life Insurance	
8:15	Spanish	Transportation	Spanish	
9:00	Junior Accounting	Office Management	Junior Accounting	
9:00	Senior Accounting	Fire Insurance	Senior Accounting	
9:00	Advanced Spanish	Insurance Law	Advanced Spanish	

Description of Courses

Accounting

The courses in accounting are both thorough and comprehensive, familiarizing the student with the latest and most satisfactory methods. They are regular C. P. A. courses and cover the entire field of business analysis, costs, auditing, and the theory and practice of accounts. The teaching is done by chartered and certified accountants, from the leading accounting firms doing business in St. Louis.

Course I. General Accounting (120 hours.)

The object of this course is to lay a solid foundation for the subsequent study of advanced and specialized accounting. To secure absolute thoroughness as well as coherent development, Walton's graded system of General Accounting is used, supplemented by texts of other standard authors. The course includes: The elements of accounting; single and double entry; debits and credits; journalizing, posting and trial balances; closing books; proprietor's accounts; trading and manufacturing accounts; partnership accounts, etc. Advanced analytic study of accounting; analytic study of the balance sheet; assets and liabilities; depreciation; capital stock; profits; surplus and reserves; sinking funds; counting-house methods and business practice; theory of accounts and its adaptability to practical work; general principles of specialized accounting.

A series of comprehensive and carefully graded exercises, simultaneous with and collateral to the lectures on the science of accounts, to insure the student's thorough grasp of the principles acquired and his facility in their practical application.

Course II. Advanced Accounting (240 hours.)

This course includes as sub-courses all the advanced accounting courses as set forth below. The purpose of this course or group of courses is to prepare the student for the successful practice of the profession of accountancy; and is designed with special reference to fitting candidates to pass the examinations set by State Boards of Accountancy.

Course III. Corporation Accounting (30 hours.)

Corporate formation; books of account, stock accounts; capital, assets and investments; working and trading assets; deferred assets; sinking funds; bonds and debentures; current and deferred assets; reserves; depreciation of property and plant; securities and investments; organizations and reorganizations; mergers, trusts and combinations; insolvency and receivers; systematizing.

Course IV. Cost Accounting (30 hours.)

Analysis of the sources of cost; tracing the cost from the raw materials through the processes of production to the finished product; apportioning costs; cost of labor, skilled and unskilled; cost of management and exploitation; cost units; analysis of costs to determine the relative efficiency of various departments, various aggregate or individual units; trading as distinguished from manufacturing costs; installing and operating cost systems; cost keeping according to the most satisfactory methods; comparative value of different systems of cost accounting.

Course V. Auditing (30 hours.)

Duties and responsibilities of an auditor; scope and purpose of an audit; conduct of an audit, working papers; verifications of accounts, vouchers, etc.; the close of an audit, analytical comparison of compilations, preparation of report; various kinds of audits, as banks, trust companies,

hotels, clubs, public service corporations, breweries, insurance companies, railroads, municipalities, etc.; special investigations; auditing questions.

Course VI. Fiduciary and Investment Accounting
(30 hours.)

Accounting of administrators and executors; accounting of trustees; problems of trust accounting; accounting of guardians, curators, etc.; investment accounting; stocks, bonds and debentures; collateral, loans, interest; special problems of investment accounting.

Course VII—VIII. Accounting Problems (120 hours.)

These courses are designed to teach the student how to analyze the practical accounting problems which confront the student in applying the principles which he has theoretically acquired during the first year and which he has continued to amplify during the second and third years; the problems cover all the important phases of co-partnership, corporate and cost accounting as exemplified in the leading lines of business, as manufacturing, trading, real estate, contracting, railroading, banking, brokerage, etc. They constitute a double or continuous course running through the whole of the second and third years.

Law

Our law courses give to the business man all the law that is of any practical value to him in his business life. The classes are taught in regular law school fashion, standard law texts are used, and all lecturers are practicing lawyers of experience.

Course I. Contracts and Agency (30 hours.)

The elements of a contract; parties to a contract; kinds of considerations; illegal, fraudulent and other void contracts, construction of contracts; verbal and written contracts, the Statute of Frauds; how contracts may be terminated; specific performance; breach of contract; damages.

The contract of agency; who may be agents, and how appointed; agency by ratification or estoppel; rights and duties of agents and principals in reference to each other; rights and duties of principals and agents in reference to third parties, termination of the contract of agency.

Course II. Partnerships and Corporations (30 hours.)

Articles of co-partnership; sharing of profits and losses; rights of partners against each other; rights of creditors against firm and partners; silent and dormant partners; commercial paper of partnership; accounting; termination of the co-partnership. how effected; liquidation of assets.

Forming a corporation; stock subscriptions; the nature and contents of charter and by-laws; stockholders' and directors' meetings; the various forms of corporate stock and the rights of holders thereof; corporate elections; rights of minority stockholders; ultra vires acts; voting trusts; directors' and stockholders' liabilities; rights of creditors; dissolution.

Course III. Sales, Bailments and Carriers (30 hours.)

The contract of sale; memoranda, immediate and future sales; time of delivery; shipment, rights and duties of consignee, consignor and carrier; stoppage and loss in transit; when the contract is closed; setting aside sales; warranties; sales by sample, by description, etc.

Nature and classification of bailments; bailments for the benefit of the bailor; bailments for the benefit of the bailee; mutual benefit bailments; innkeepers; common carriers of goods; common carriers of passengers; telegraph and telephone companies.

Course IV. Negotiable Instruments and Bankruptcy (30 hours.)

What instruments are negotiable; bills, notes, drafts and checks; acceptance of drafts; certified checks; defenses to suits brought on negotiable paper; partnership and cor-

poration papers; rights and liabilities of endorsers, presentment; notice of dishonor, protest.

Acts of bankruptcy; who may become bankrupts; exemptions; duties of bankrupts; compositions; discharge; offenses against the bankruptcy law; duties of trustees and referees; creditors' meetings; proof and allowance of claims; preferred creditors; estates.

Course V. Tenancy and Insurance (30 hours.)

Nature of real property; kinds of estates; fee simple estates; life estates; estate less than for life; leaseholds; rights and liabilities of landlord and tenant; the law of fixtures; conditional estates; mortgages; equitable estates; joint estates; titles; conveyancing; deeds.

Nature of the insurance contract; requisites of the insurance contract; insurable interests; premiums and assessments; concealment of fact; representations and warranties; insurance agents and their powers; rights under the policy; the standard fire policy; terms of the life policy; marine insurance; accident insurance; guaranty, credit and liability insurance.

Course VI. Trade Marks, Patents and Interstate Commerce Law (30 hours.)

Trade marks, trade labels, copyrights, patents, rights and duties of holders thereof, duration and limitation of rights.

Nature and jurisdiction of the Interstate Commerce Commission, an examination of its leading decisions in regard to railway rates, common carriers, commerce regulation, accounting, publication of tariffs, etc.

Economics

The courses in Economics discuss the laws and principles which underlie commercial activities and whose study constitutes the science or philosophy of business. These

courses treat of the laws determining the location and development of industries, the causes of trade movements, markets, prices and price fluctuations, depressions and panics and how to forecast them, and a great number of other subjects of equal interest and importance.

Course I. Ethics (30 hours.)

Ethical foundations; the nature, freedom and responsibility of man; the final end of man; right and wrong in human actions; rights and duties; conscience; the natural law; man's threefold duties; the family; society; private property; the state.

Course II. General Economics (30 hours.)

Production; increasing and diminishing returns; the advantages and drawbacks of modern industrial organization; locality and dimensions of industry; consumption; markets and prices; differential gains; international trade; money and coinage; credit and banking; foreign exchanges; profits, interest and wages; mistaken theories on riches; trade unions; employers' liability; taxation. This course gives a general view of the whole field of economics in preparation for the intensive courses of the two following years.

Course III. Advanced Economics (30 hours.)

This course comprises the required economics of the second year. On account of its intensive character, each assignment demands very careful preparation on the part of the student, and affords opportunity for considerable research work. The course is divided into four parts:

1. **INDUSTRIAL ORGANIZATION:** The organization of production; the development of modern industry; labor and capital in production; transportation and the economic area; large scale production; horizontal and vertical combination; corporate organization of industry; the problems of modern industrialism.

2. **MARKETS AND PRICES:** Value and utility; the nature and operation of markets; demand and supply; marginal value; speculation; value under constant cost; value and diminishing returns; value and increasing returns; monopoly value; joint cost and joint demand.

3. **THE PRINCIPLES OF FINANCE:** The precious metals; functions of money; the quantity of money and prices; the cost of specie in relation to its value; bimetallism; changes in prices; government paper money; banking and the medium of exchange; centralized and decentralized banking systems; crises and industrial depressions; financial panics; some monetary problems.

4. **INTERNATIONAL TRADE:** The mechanism of international trade; foreign exchange; the balance of international payments; the theory of international trade; the relative merits of protection and free trade.

Course IV. Economic Resources (15 hours.)

The importance and geographical distribution of the raw materials of commerce—food products, skins and leathers, textile materials, fibres, oils, woods, gums and resin, drugs, dye-stuffs, minerals and building materials; the chief sources of supply, and how they have been influenced by the growth of modern transportation facilities; development of mineral resources; conserving resources; problems arising from concentrated population.

The influence of natural resources on the growth of industry and the development of trade; the location and concentration of industry; the geographical division of industry; industrial conditions and trade movements.

Course V. Transportation (15 hours.)

The economics of transportation; its influence on commercial and industrial development; ocean transportation; harbors and seaports; export and import charges and duties; inland waterways and transportation; railroads; passenger

traffic; freight traffic; classifications, rates and tariffs; traffic policies; state and federal regulations; transportation problems. The value of this course will be largely enhanced by introducing a number of lectures by prominent railroad officials, who will supplement economic theory with suggestions drawn from everyday experience.

Course VI. Advanced Economics (30 hours.)

This course is a continuation of Economics III, and is divided into three parts:

1. **THE DISTRIBUTION OF WEALTH:** Interest on capital used in production; overproduction and over-investment; rural rents and land tenures; urban site rent; monopoly gains; wages and value; differences in wages; stratification; business profits; population; inequality and its causes.

2. **CURRENT ECONOMIC PROBLEMS:** Problems of labor; trade unions; labor legislation; agencies for industrial peace; workmen's insurance; co-operation; railway problems; public ownership and public control; combinations and trusts; socialism.

3. **TAXATION:** Principles underlying taxation; income and inheritance taxes; taxes on land and buildings; general property tax; taxes on commodities.

FIELD WORK: In connection with Economics III and VI field work is done by the students, especially in the study of Industrial Organization and Current Economic Problems. The many industrial and financial enterprises of St. Louis furnish excellent facilities for economic examination and analysis. Special research work, under the direction of the professor, is also insisted on.

Course VII. The Monetary Systems of Europe (30 hours.)

The Bank of England and the English Banking System; the Reichsbank; the German Imperial banking laws; evolution of credit and banks in France; the Bank of France; a

comparison of the fiscal systems of England, France and Germany; the relation of the Bank of France to National and International credit; the discount systems of Europe; the National Bank of Belgium; the Swiss banking laws; the Swedish Banking system; statistics.

Course VIII. Political Science (30 hours.)

The ethical basis of political science; the theory of government; analysis of the functions of government; governments of Greece; the government of Rome; Roman and canon law; ecclesiastical government; government during the middle ages; feudalism; types of modern governments; the government of France; the governments of Germany; the governments of Switzerland; the dual government of Norway-Sweden; the government of Great Britain; the government of the United States; special governmental problems.

Business Administration

Some of the courses in business administration teach scientific organization and management; others aim at making the student a technical expert in such special line of work as he may choose to follow. These courses are all taught by successful business men, who endeavor to give to the student the information that they have acquired from the experience of many years.

Course I. Business Organization and Management (30 hours.)

This course consists of a scientific examination of the principles underlying the successful conduct of business enterprises; and aims to impart to the student in a systematic manner the latest, most approved and most efficient plans of organization and management. The value of the course

is intensified by the fact that it is largely given by men who are actively engaged in the management of successful commercial, industrial and financial institutions.

Course II. Credit Management (15 hours.)

The basis for the legitimate extension of credit; the credit department of a wholesale house, and its equipment; gathering credit information; the mercantile agency; the credit department of a modern department store; collections and collection methods; the financial statement and its analysis; analysis of credit information in general; credit correspondence; banking credits; the legal equipment of the credit manager; bankruptcy and insolvency; liquidation of insolvent estates.

Course III. Investments (30 hours.)

Nature, method and laws of investment; government, state, county and municipal bonds; stocks and bonds of public service companies; stocks and bonds of industrial corporations; railroad stocks and bonds; fluctuation; stock markets; the relation of speculation to investment; the nature and progress of speculation; mortgages; real estate values and investments.

Course IV. Advertising (15 hours.)

Attracting and holding attention; grouping and arrangement; paper, type and illustration; display advertisements and reading notices; newspaper and magazine advertisements; direct publicity; advertising campaigns; bulletins, signs, and posters; window displays; wholesale and retail advertising; department store advertising; catalogues and mail order advertising; reaching the desired customer; relative value of different media; advertising agencies; advertising problems.

Course V. Salesmanship (15 hours.)

Personal qualifications, tact, address, personal magnetism; acquiring a thorough knowledge of the goods to be sold;

studying the customer; the approach; the demonstration; effectiveness in presenting arguments; closing the sale; increasing the order; developing new trade; written salesmanship; personal letters; follow-up letters; organizing a selling force; selling campaigns; selling policies; new and practical selling plans; the ethics of salesmanship.

Course VI. Corporation Finance (30 hours.)

Corporate stock; the sources of corporate funds; short time loans; the corporate mortgage; types of corporate bonds; corporate promotion; new enterprises; consolidations; selling securities; underwriting syndicates; investment of capital funds; disposition of gross earnings; betterment expenses; the corporate surplus; corporate manipulations; insolvency and receiverships; reorganizations.

Course VII. Practical Banking and Finance (30 hours.)

A thorough and practical exposition of the principles of finance and banking; nature and value of money; credit; domestic and foreign exchange; relation of money and credit to prices and the rate of interest; commodity or metal money; monometallism vs. bimetalism; fiat money; credit money; the money of the United States; current monetary questions.

The nature and importance of banking operations; the bank clerk; the paying teller and his cash; the receiving teller and the depositors; the collection department; the discount clerk and his duties; the bank's collaterals; bonds and coupons; the cashier and his duties; the stock, its ownership and transfer; the bank's circulation; foreign exchange and letters of credit; checks; notes and drafts; the president and directors; board meetings; management; the clearing house system; trust companies.

Course VIII. Insurance (30 hours.)

The nature of the insurance contract; relations between company and insured; the main type of insurance organiza-

tions; the New York standard and other policies; forms and clauses, including co-insurance, mortgage, percentage value, etc.; insurance procedure; insurance accounting; loss adjustments; rating methods and special schedules; inspection methods; other forms of insurance.

The life policy; net and office premiums; mortality tables; level premium reserves; general policy provisions; special policy provisions, distribution of surplus as dividends; modes of settlement; procedure and routine of the life insurance business.

Course IX. Real Estate (15 hours.)

This course consists of an exposition of the more important underlying principles which control the successful operation of the real estate business; it includes such matters as: estate management; rent collections; real estate sales; real estate loans; shifting of real estate values; mortgages; conveyancing; title examination; insurance; real estate advertising, etc.

Course X. Office Management (15 hours.)

Laying out floor space; hiring employees; building an organization; schemes of supervision; daily and weekly records; merit systems; overtime; office libraries; petty stealing; departmental records; office appliances; order systems; social organizations, etc.

Course XI. Foreign and Domestic Commerce (30 hours)

Domestic trade conditions, trade movements, mining, crop conditions, manufacturing, centers of distribution, the money market.

Foreign trade conditions, foreign markets, exporting details, correspondence, export commission houses, export orders, preparing and making shipments, marine insurance, financing foreign business, foreign exchange.

Commercial Languages

Course I. Commercial Spanish (120 hours.)

This course is of particular value owing to the constantly increasing volume of trade between St. Louis and the Latin-American countries; necessitating the employment, by many of the large jobbers and manufacturers of secretaries, stenographers, salesmen, etc., capable of handling Spanish correspondence and business. It aims at imparting to the student, as rapidly as is consistent with thoroughness, an easy and exact command of the language sufficient for all commercial purposes.

Course II. Commercial French (120 hours.)

This course is similar in scope and method to that in Spanish described above.

Course III. English and Public Speaking (30 hours.)

Thought development; division and arrangement; oratorical composition; argumentative, expository and demonstrative speeches; after-dinner talks; the practical business talks; extempore talks.

Enunciation and inflection; tone development; distinctness, power and pathos; power and grace of gesticulation.

Course IV. Commercial English (30 hours.)

A thoroughly practical course in business writing and correspondence.

This course is designed primarily for those who are lacking in the technical language of business; though it is open to any student. The class meets once each week.

School of Divinity

School of Divinity

Officers

REV. WILLIAM F. ROBISON, S. J., A. M., Ph. D.
President of the University.

REV. JAMES I. SHANNON, S. J., A. M.,
Regent.

REV. FRANCIS J. O'BOYLE, S. J., A. M.,
Dean.

REV. WILLIAM B. ROGERS, S. J., A. M.,
Spiritual Director.

Departments

The School of Divinity is divided into four departments or sections, each of which embraces those groups of studies which are closely related.

In the first, or Dogmatic Section, are included Dogmatic Theology, strictly so-called; and Fundamental Theology, or General Apologetics.

In the second, the Moral Section, are included Moral Theology, Canon Law and Liturgy.

In the third, the Biblical Section, are included the History of Revelation, Special Introduction to Sacred Scriptures, Exegesis and Oriental Languages.

The fourth, the Historical Section, deals with the History of the Church, its Councils, Institutions and Dogmas.

To these are added the studies of Sacred Eloquence and Ecclesiastical Music.

Method

The course is entirely by lecture, supplemented by regular and frequent repetitions in the accurate scholastic form. The examinations are oral. Lectures and examinations are in Latin.

Outline of Courses

Department I.—Dogmatic Theology

Course I.—General Apologetics

Four lectures a week. Seminar, two hours a week. Two Semesters.

Revelation

Revelation. Possibility of Divine Revelation. Necessity of Supernatural Revelation. Distinctive marks by which a true Revelation may be recognized. Miracles and Prophecies, certain signs of the Divinity of a Revelation. Other criteria.

Christian Revelation. The Four Gospels and the Acts of the Apostles, authentic historic documents. Jesus of Nazareth proves His Divine Mission by the miracles and prophecies narrated in the Four Gospels, especially by His Resurrection from the dead. The spread of the Christian Religion, historically viewed, is an incontrovertible evidence of its divinity. Other proofs. Religious Experience. Messianic Prophecies.

Faith

Its Nature. An act of supernatural faith is an intellectual assent given under the impulse of the will to revealed truth because of the authority of God revealing it.

Material Object. Faith must extend explicitly or implicitly to all truths revealed by God, and to those only. What is implicitly, but formally, revealed, is the object of faith; not, however, what is only virtually revealed.

Evolution. Revelation closed with the Apostles. There neither was nor will be further divine revelation obligatory

on all men. There is an evolution in the manifestation of the material object of faith. This evolution consists in proposing explicitly, clearly, more urgently, truths contained in the word of God as originally intrusted to the Apostles and preached by them, though only implicitly, more or less obscurely, less insistently.

Prerequisite to An Act of Faith. Certain knowledge of God's wisdom and truthfulness and of His revelation is required that our faith may be a rational act. Character of this knowledge in the learned and the unlearned. Manner of acquiring it.

Analysis of the Act of Faith. Being a mediate assent to the revealed truth because of our assent to God's authority revealing it, an act of faith is a virtually discursive act. Difficulty of explaining the psychological nature of the assent with which in the act of faith itself we affirm God's authority and revelation. The various explanations considered.

Properties. An act of supernatural divine faith is by its very nature obscure. This obscurity does not make it impossible for one to have scientific knowledge and faith with regard to the same truth.

It is also certain. This certitude in a true sense surpasses all natural certitudes.

It is essentially true, and also immediately free in as far as it is elicited only under the impulse of a free act of the will.

It must be universal; a deliberate doubt or denial of a single article of faith renders supernatural divine faith in any other article impossible.

Without actual faith in God's existence and in His being our Remunerator in the supernatural order, salvation is impossible for adults. Other truths which must necessarily be believed explicitly as a matter of precept.

Holy Scripture

General Introduction. History of the Canon of the Sacred Books. History and authority of texts and versions. The authority of the Latin Vulgate. Principle and history of biblical hermeneutics.

Inspiration. The Inspiration of the whole of Scripture and the Canon of the Sacred Books can be known with certainty only through the infallible teaching of Christ's Church. Nature of Inspiration. False views. True explanation. God the principal Author of the Sacred Books and of all their parts. Nature of God's action on the mind and will of the sacred writer. Extent of Inspiration. The Church the only infallible interpreter of the inspired word.

Course II.—General Apologetics

Four lectures a week. Seminar, two hours a week. Two Semesters.

The Church

Institution of the Church. Preliminary notions. The Church founded directly by Christ. The Church, a perfect society. The proximate and ultimate ends of the Church. The Church, a Monarchy. Church and State. Members of the Church.

Marks of the Church. The Church, a visible organization, consisting of a body and soul. There is but one true Church of Christ. Unity, Sanctity, Catholicity, and Apostolicity, marks of the true Church of Christ. The Roman Catholic Church possesses these marks. No other Christian denomination has these marks. The Church is infallible. The infallible teaching of the Church extends to all matters pertaining to Faith and Morals. Scripture and Tradition, the two sources of the Church's teaching.

Supreme Head of the Church. St. Peter, constituted by Christ the Supreme Head of the Church. The Primacy of

St. Peter in the Church will endure forever. The Pope is the Successor of St. Peter as Bishop of Rome and in the Primacy over the whole Church. The Pope's Primacy, by Christ's institution, is a true power of jurisdiction, ordinary, immediate, comprising the fullness of the spiritual powers over all the members of the Church. Oecumenical Councils. The Pope Infallible when teaching "ex cathedra" i. e., as Universal Teacher of the Church in matters appertaining to Faith and Morals.

Tradition

Tradition. Definition. It is one of the two sources of revelation. Force of the unanimous consent of the Fathers in matters of faith and morals. The Fathers as private Doctors. Consent of Theologians. Authority of St. Thomas. The belief of the faithful. Human reason in Theology.

Course III.—The Triune God

Four lectures a week. Seminar, two hours a week. Two Semesters.

The One God

Existence of God. God knowable to man through creatures. Defined by the Vatican Council. Proved from the Sacred Writings and the Fathers.

Scientific Demonstration of this Truth. The various metaphysical, physical, and moral a posteriori arguments. God not knowable naturally, except through creatures.

Essence of God. A pure spirit of infinite perfection. Physical essence. Metaphysical essence. His self-existence expressed by His name—"I AM."

Attributes of God. His Unicity, Simplicity, Immensity, Immutability, Eternity, Omnipotence, Invisibility, Incomprehensibility. Distinction of God's Attributes from one another, and from His essence.

God's Knowledge. Principal and formal object of Divine Understanding. Secondary and material objects.

God's Will. His antecedent and consequent will; absolute and conditional will; efficacious and inefficacious will.

Liberty of God's will. How harmonized with His immutability.

Providence of God. Natural; embraces all creatures. Supernatural. God's sincere will of man's salvation. How modified by free created agents.

Predestination. Its existence and properties. Though certain and immutable in itself, it is naturally uncertain to man; wholly gratuitous as regards the First Grace; merited as regards Eternal Glory. Various effects of Predestination. Reprobation, the fault of man.

The Trinity

Existence of this Mystery. There are Three Persons in God. Their consubstantiality. Hence each Person is truly God. The various elements of this mystery clearly contained in numerous texts of Holy Scripture.

Knowledge of this Mystery. How far revealed and known in the Old Testament. The Trinity and especially the consubstantiality of the Three Divine Persons in the writings of the Ante-Nicene Fathers. The Trinity and reason.

Nature of This Mystery

Processions in God. There are only two. Principles of these processions. Difference between these processions, as manifested in the Sacred Writings. The Holy Ghost proceeds from the Father and the Son, who are one principle of procession.

Relations in God. Their existence, number, nature. How they constitute the Persons.

The Divine Persons. Their equality. Their in-existence, one in the others. Appropriation of works and attributes to one Person.

Course IV.—Sin. The Incarnation

Four lectures a week. Seminar, two hours a week. Two Semesters.

Sin in General

Nature of Sin. Sin, a moral act at variance with the dictates of reason. Every sin an offense against God. Inequality of sins.

Cause and Effect of Sin. God not the cause or author of sin. The guilt of sin distinct from its liability to punishment.

Personal Sin. The existence of venial sin proved from Holy Writ. Difference between mortal and venial sin, intrinsic to the sin and derived from the gravity of the obligation violated. Habitual sin consists in the guilt of actual sin morally persevering.

The Incarnation

Existence of this Mystery. The divinity of Christ proved from the Old and the New Testament.

Nature of this Mystery. The Word Incarnate, as One Physical Person; according to the Doctrine of the Church against Nestorius. Two perfect natures in Christ, against the Monophysite heresy. Two Wills and Two Operations in Christ, as defined against Monothelitism.

Causes of the Incarnation. Essence of the Hypostatic Union. The Hypostatic Union supernatural; ranks above all other unions, natural and supernatural. Its perpetuity and extent.

The Person of the Word alone assumes human nature. The whole Trinity the efficient cause of the Incarnation. The Redemption of man from sin its final cause. The interchange of the predicates of the Divine and Human Nature in Christ.

Perfection of the Soul of Christ. The beatific vision. Infused and acquired knowledge. The Freedom and Impeccability of His Will. The Soul of Christ holy by the Increated Sanctity of the Word and by the plenitude of sanctifying grace.

Attributes of the God-Man. The Divine Sonship of the Logos the only true sonship of Christ, excluding adoption and human sonship. Christ's Kingship and Priesthood.

The Atonement. The Hypostatic Union necessary if God wished adequate satisfaction for sin. Christ truly atoned for sin. Christ died for all men.

The Worship Due to Christ. The Man Christ an object of Divine worship. Adoration of the Sacred Heart of Jesus.

Veneration of Relics and Sacred images. The Invocation of Saints.

Course V.—God, as the Author of Nature and of the Supernatural

Four lectures a week. Seminar, two hours a week. Two Semesters.

God, as the Author of Nature

Creation in General. Notion of creation. Various definitions. Formal object of creation. Nature of the creative act. Fact of the World's creation known through revelation. Reason's verdict on this fact.

The three Divine Persons create, but there is One Creator. Appropriation of creation to the Father. Creation, as exclusively proper to God. God is also the exemplary and final cause of creation. God's extrinsic glory the end of creation.

Mode and order of the world's formation. The Mosaic Cosmogony. Various interpretations. Science and the Mosaic Narration.

The Angels. Their existence certain. Each was immediately created by God in time. Their nature, number and hierarchy; supernatural endowment; relation to men. The Fallen Angels.

Man. The Bodies of our first parents were immediately fashioned by God. Evolution of the body of man from lower animals seems to be contrary to revelation. No scientific proof has been advanced to establish such an evolution. Each human Soul is created by God at the moment of its infusion into the body. There are two constituent elements in man, a body and a spiritual soul. Age of the human race.

God, as the Author of the Supernatural

The Supernatural Order. Various meanings of the word Nature. Preternatural and supernatural gifts.

Man in the State of Original Justice. Our first parents were not only made the children of God by the infusion of sanctifying grace, but they were favored with other marvelous gifts. Connection of these preternatural gifts with supernatural grace. All these gifts were absolutely gratuitous, as was also man's destination to supernatural beatitude in heaven.

Original Sin. It is transmitted to every human being that comes into the world by way of natural generation, the Blessed Virgin Mary alone excepted, who was preserved from its stain by the merits of Jesus Christ. Nature of this sin. How voluntary in us. Its effects in this life, in the next. It in nowise conflicts with the justice or wisdom or goodness of God.

De Novissimis

The Beatific Vision. Essentially the same for all the Blessed, but unequal in degree according to the merits of each. It is not deferred till the Day of Judgment. By its

very nature it excludes the possibility of sin in the Blessed and is eternal.

Existence of Hell. Teaching of the Church. Athanasian Creed. Fourth Council of Lateran. Constitution of Benedict XII. Scripture, Fathers, Reason.

Nature of the Punishment. Eternity. Pain of Sense.

Purgatory. Its existence. Certainty of Salvation of souls suffering in Purgatory.

Resurrection of the Body. Catholic Dogma. Specific and numerical identity of the body. Modern Rationalists answered.

Judgment. Particular Errors of Nestorius, Calvin. Time and place. Universality. Chiliasm. Millennium.

Course VI.—Grace. The Infused Virtues

Four lectures a week. Seminar, two hours a week. Two Semesters.

Preliminary Notions and Truths

General concept of Grace. Its main division: Natural and Supernatural, Uncreated and Created, Grace of God and Grace of Christ, External and Internal, Gratuitous and Ingratiating, Habitual and Actual.

Salutary acts are entitatively supernatural. Liberty of the will. This liberty was not destroyed by Original Sin. It is necessary for merit.

Actual Grace

Divisions. Awakening grace, Helping grace: Sufficient grace, Efficacious grace: Healing grace, Elevating grace.

Nature of Actual Grace. It formally consists in indelible acts of the intellect and will immediately and super-

naturally caused by God. Intrinsic and extrinsic elevation. Nature of the action of grace and of the faculties in producing the supernatural act.

Necessity of Grace. Grace is necessary for every salutary act: also for the Beginnings of Faith and Salvation. Special supernatural aid is necessary for perseverance. What man may know and do in the moral order without grace. Heresy of the Pelagians, of the Semi-Pelagians. Similiar errors of modern Rationalists.

Grace and Free Will. Man's will remains free under the influence of efficacious grace. Meaning of grace really but purely sufficient. Such grace exists. Difficulty of harmonizing efficacious grace with the freedom of the will. The Molinist explanation preferred.

Economy of Grace. It is absolutely gratuitous. Grace at least remotely sufficient is given to all men: to the Just, to Sinners, even the obdurate, to Infidels.

Habitual Grace

Justification. Its character. Numerous systems of Protestants. Catholic doctrine embraces two things: The real remission of sin, which is completely blotted out and not merely not imputed, and the sanctification and inward renewal of man by the voluntary acceptance of sanctifying grace and supernatural gifts.

Sanctifying Grace. Its nature. Its formal effects. Character of the union which it effects between the soul and the Holy Spirit.

Disposition for Justification. The Catholic Doctrine. The Lutheran and Calvinistic Doctrines. Saving faith. Nature and object of this faith. Its necessity. Faith alone not sufficient.

Properties of Justification. It is uncertain. Grades of justice differ in different men. Man may fall from the state of grace. He does so through any mortal sin.

Merit. General definition of a meritorious work. If the quality of the work done claims a reward as a matter of justice, its merit is termed *de condigno*; if it only claims a reward as a matter of liberality or fittingness, its merit is *de congruo*. Possibility of man's meriting with God.

Conditions of Condign and Congruous Merit required on the part of the act, of the person meriting, of God.

Infused Virtues

General Study

Existence. There are only three theological virtues: Faith, Hope and Charity. Infused moral virtues.

Nature. They are new permanent principles of action in the supernatural order, but unlike the acquired virtues, they do not bestow facility of operation. Facility due to acquired natural virtues.

Cause. God is their sole efficient physical cause. He infuses all of them simultaneously in justification. In the just, every supernatural action merits increase of sanctifying grace, and proportional increase in the intrinsic perfection of all the infused virtues.

Loss. Mortal sin deprives the Just of sanctifying grace and of the infused virtues save faith and hope. These lost only through the sins of infidelity and despair. Venial sins neither destroy nor directly diminish the intrinsic perfection of sanctifying grace or of the infused virtues, but they are a disposing cause of their ultimate loss through mortal sin.

Special Study

Faith. See page 184.

Hope

Its Nature. Distinction from faith and charity. Its subject.

Properties. The act of hope is necessary for salvation. Absolute expectation of eternal beatitude is not certain without a special revelation. This uncertainty not attributable to God, but only to the possibility of man's not corresponding to God's grace.

Object. Its formal motive is God's relative goodness, in as far as hope is a desire of eternal beatitude; and God's omnipotence, mercy and fidelity, in as far as hope includes energy and effort in the face of difficulties.

Its primary material object is man's beatitude; everything conducive to that beatitude is its secondary object.

Charity

Formal and Material Object. Formal motive of charity, God's absolute goodness. Material object, primary God; secondary, every creature capable of partaking of the eternal happiness of God.

Nature and Properties. Charity constitutes a true friendship between God and Man. It is the most excellent of the virtues; the vivifying principle of all the others.

Course VII.—The Sacraments in General

Baptism. Confirmation. Holy Eucharist

Four lectures a week. Seminar, two hours a week. Two Semesters.

The Sacraments in General

Essence and Existence. The definition of a sacrament. There are seven sacraments, all instituted by Christ. Not all are of equal necessity and dignity.

Effects. Sacraments of the Old Law are not productive of grace *ex opere operato*; sacraments of the New Law are, *ex opere operato*, productive of grace in recipients disposed. All sacraments are sources of special graces; some impress a character.

Matter and Form. The intrinsic causes of the sacraments. The matter and form are determined by Christ in some way for all the sacraments.

Minister. The proper minister of each sacrament. An interior intention, at least virtual, but neither faith nor grace, is necessary in the minister for valid administration; for licit administration by an ordained minister, grace is necessary.

Subject. For the valid reception of the sacraments, an intention is necessary in adults, but not faith strictly so-called; faith is required in Penance. For the fruitful reception of the sacraments of "the living," grace is necessary.

Baptism

Nature. The definition considered physically and metaphysically. Its institution by Christ. Remote and proximate matter. The form is expressive of laving.

Necessity. It is ordinarily a necessary means of salvation. Where it is impossible the desire of baptism is sufficient in adults; where possible, adults are under precept to receive it. Perfect love and martyrdom as substitutes, and their conditions.

Effects. Remission of sin original and actual, and of all punishment due to sin. Infusion of sanctifying grace. The gift of special graces as necessary for the attainment of man's last end.

Confirmation

Nature. Its institution. It is not necessary for salvation with the necessity of means, but only with the necessity

of precept. The matter of the sacrament is the anointing and the laying on of hands, not one only but both. The chrism. The form are the words used during the action.

Minister. The ordinary minister is the bishop; the extraordinary, a priest with delegated power.

Subject. Every one who has received baptism, and only such.

Holy Eucharist

Nature and Excellence. The real presence of Christ is proved from John 6, Matt. 26, Mark 14, Luke 22, I Cor. 11; from the Fathers; from the teaching of the infallible Church.

Manner of Christ's Presence. It is permanent; through transubstantiation of the bread and wine into the body and blood of Christ.

Intrinsic Causes. The matter of the sacrament is wheaten bread and wine of the grape. Leavened bread with the Greeks; and unleavened bread with the Latins, is solely a matter of precept. The form of the sacrament are the words essential to the expression of Christ's presence.

Dispensation of the Sacrament. All who are baptized and in the state of grace, and they alone, can receive the sacrament with fruit. The sacrament is not necessary necessitate medii as a means of salvation, but it is commanded by both divine and ecclesiastical law. The priest is the sole minister of consecration and the ordinary minister of distribution; the deacon is an extraordinary minister of distribution.

The Mass. It is a true sacrifice, as proved from Malachy 1, Heb. 5, 7 and 13; from the Fathers; from the teaching of the Church. Christ is Himself the priest and the victim. The Sacrifice of the Mass remits sin and its punishment, not, however, in the same way as the sacraments. It is offered to God alone.

Course VIII.—The Sacraments

Four lectures a week. Seminar, two hours a week. Two Semesters.

Penance

Virtue. Real Distinction from the virtues theological and moral. Distinguishing motive. Material Object.

Sacrament. Institution, John XX, 21 sq. Power to forgive, all-embracing. Power of binding and loosing. Judicial Character. Requisites on the part of the Penitent.

Contrition. Nature of the Act. Perfect Contrition with implicit desire of the Sacrament, a means of Justification. Attrition, sufficient for proper reception of the Sacrament.

Confession. Necessity. Per se, should embrace all mortal sins; per accidens, formal integrity suffices.

Satisfaction. Efficacy in remitting temporal punishment.

Minister. Only regularly ordained priests. Proof from tradition. Necessity of Jurisdiction. Meaning of Judicial Sentence, as expressed in the words of Absolution.

Extreme Unction

Nature. Sacrament of the New Law (Trid. XIV). Its essence. Episcopal Benediction of Remote Matter essential.

Minister. Duly ordained priest; Subject, adult person grievously sick. (St. James V, Trid. Sess. XIV, Denz. 807.)

Effect. Bestowal of Habitual Grace. Strength communicated to the soul against temptations and difficulties. Disposing the soul for entrance into life eternal. Restoration of health.

Holy Orders

Nature. Essential Distinction between Clergy and Laity, of Divine Right. A Sacrament of the New Dispensation. Minor and Major Orders. Bishops, Priests and Deacons.

Matter, Form, Minister. Imposition of Hands, Prayer of Bishop. Subject, Baptized Male Person.

Matrimony

Nature. Sacrament of the New Law. As such, identical with the matrimonial contract in the case of Christians. Matrimony of the unbaptized, not sacramental.

Minister, Matter, Form. Contracting parties, consent of Contracting Parties, of Parents.

Polygamy. The Natural Law. The Patriarchs. The Gospel.

Indissolubility. Matrimony of the Unbaptized The Old Testament "Bill of Divorce." Pauline Privilege. Doctrine of Christ. Papal Dispensation.

Impediments. The Right of the Church to establish them. Trid. XXIV.

Department II.—Moral Theology, Canon Law, Liturgy

SECTION I.—MORAL THEOLOGY.

Course I.—Moral Principles. Christian Duties

Five lectures a week. Seminar, one hour a week. Two Semesters.

Part I. Principles

Human Acts. Nature; constituents; voluntarium and its species; voluntarium in causa, regulating principles Modifying influences of Human Acts—ignorance, concupiscence, fear, violence. Morality, its essence. Whether there are actus indifferentes in individuo; whether the external act increases the morality of the internal. Fountains of morality—object, circumstances, end. Obligation of referring our acts to God.

Conscience. Nature; divisions—right and erroneous, certain and doubtful, scrupulous and lax.

Probability. Its nature; species—intrinsic, extrinsic, speculative, practical, etc. Systems regarding probability—absolute and mitigated tutorism, probabiliorism, equiprobabilism, probabilism.

Laws

Nature. Notion, essence.

Kinds. Natural and positive; Divine and Human; Ecclesiastical and civil; penal; irritant. Divine Positive law in the Old and New Dispensation. Author of the law; Ecclesiastical legislators: Roman Pontiff, Councils: General, Plenary, Provincial, Diocesan Synod.

Obligation. Obligation of the law *sub gravi*, *sub levi*; how far the quality of the obligation depends on the intention of the legislator and the matter of the law. Promulgation necessary for obligation; mode of promulgation for Papal and Ecclesiastical laws. Promulgation of the Natural law; can there be invincible ignorance of its precepts. Subjects of the Natural Law, Ecclesiastical, Civil. Requisites for the fulfillment of an affirmative law, of a negative law. Causes excusing from the obligation of a law; exempting or impeding, directly, indirectly; proximately, remotely. Conditions requisite for the placing of an exempting or an impeding cause. Interpretation of a law; species; rules for doctrinal interpretation.

Dispensation. Nature; species. Who can dispense in Divine or Ecclesiastical laws. Cessation of dispensation by cessation of cause, by revocation, by renunciation. Cessation of laws by abrogation, by cessation of adequate motive cause, by desuetude.

Custom. Kinds. Conditions for the establishment of a legitimate custom. Its force.

Sins

Kinds. The distinction between mortal and venial sins; conditions required. Rules for Numeric and Specific distinction. Interior sins. Capital sins.

Part II.—General Duties

Virtues. Theological: Faith, necessity and material object. Opposing sins. Hope; opposite vices. Charity, material object, primary and secondary. Love of God; when the precept urges. Love of neighbor in general; of enemies. Precept of almsgiving, of fraternal correction. Sins opposed to the love of neighbor, scandal, co-operation.

Precepts of the Decalogue

First Commandment. Acts of the virtue of religion: adoration, prayer. Vices opposed to religion: superstition, idolatry, vain observance, divination, spiritism, magic. Hypnotism; when forbidden. Sacrilege, Simony.

Second Commandment. Blasphemy; oath, its conditions; vow, its obligation, irritation, dispensation, commutation.

Third Commandment. What prescribed for Sundays and Holy Days; what forbidden. Obligation of hearing Mass. Abstinence from servile works.

Fourth Commandment. Obligation of children and parents; of employers and employees, etc.

Fifth Commandment. Homicide, abortion, duelling, war.

Sixth and Ninth Commandments. Sins, exterior and interior; sins consummated and non-consummated.

Seventh and Tenth Commandments. Justice. Nature of justice. Dominion; its object, subject, acquisition. Theft; occult compensation. Restitution. Unjust co-operation. Circumstances of restitution, how much, to whom, its order, etc.; reasons which excuse from restitution.

Contracts. Requisites; obligation of contracts. Species: unilateral, bilateral. Promise; donation. Testament, nature and species; obligations of testator, heir, executor, Contract of loan; interest, how far permitted or forbidden. Buying and selling; just price, how determined. Sale by

auction. Monopoly, brokerage, partnership, letting and hiring, strikes. Subsidiary Contracts—bond, pawn, mortgage. Insurance; wager and gaming.

Eighth Commandment. Lying, equivocation; detraction, calumny, rash judgment. Violation of secret, natural, promised, committed.

Precepts of the Church

Attendance at the Holy Sacrifice of the Mass.

Abstinence, fast; causes excusing from.

Annual Confession and Paschal Communion.

Particular Obligations

Duties of judges, advocates, witnesses, physicians. Obligations of clerics, positive—Sanctity, celibacy. Recitation of the Divine office. Negative obligations of clerics. Obligations of Bishops, Parish Priests, Religious. Nature of the religious state—vocation. Vows of Religious.

Course II.—Christian Aids

Five lectures a week. Seminar, one hour a week. Two Semesters.

Sacraments in General. Nature, division, effects, matter and form of. Minister, attention and intention, obligation of dispensing, or refusing. Subject. Valid and licit reception, reviviscence. Sacramentals, effects and mode of operation.

Sacraments in Particular

Baptism. Matter, remote and proximate; form; ordinary and extraordinary Minister. Subject—infants, adults, converts from sects. Sponsors; valid, licit sponsorship. Ceremonies in the administration of Baptism and obligation of observance.

Confirmation. Matter and form, Minister, subject, age of admission.

Holy Eucharist. Nature and efficacy; matter and form. Minister, obligation and mode of administering. Subject; obligation of receiving, dispositions of the soul and body—prescribed fast. Frequent Communion; regulating principles. Mass, nature and application of; obligation of celebrating; time and place of celebration; requisites, rubrics.

Penance. Matter, remote and proximate; form, essential, rubrical; Subject. Contrition and species of; sorrow and its qualities; purpose and condition of. Confession, its necessity, integrity of. Satisfaction, obligation of imposing and fulfilling. Minister. Approbation and jurisdiction. Reserved cases, nature of and absolution from. Office of Confessor, general obligations—to special classes, penitents in the proximate occasion of mortal sin, habitual, relapsing sinners. Seal of Confession, its matter and strict obligation.

Indulgences. What they are,—are not. Plenary, partial. Conditions for each. Apostolic Indulgences. Indulgences of Scapulars, Way of the Cross. Privileged Altar. *Benedictio in articulo mortis* treated in detail.

Extreme Unction. Nature and effects; matter, remote and proximate; form. Minister, his grave obligation of conferring. Subject. Repeated reception in the same sickness, how far lawful or valid.

Holy Orders. Nature and division; matter, remote and proximate; form. Minister. Subjects; requisites for.

Matrimony. Promise of marriage, nature, obligation and effects of such promise. Banns, reasons for, dispensation from. Nature of marriage, conditional marriage, when valid, invalid. Consent of parents, how far required for licit contract. Properties of marriage, unity and indissolubility.

Matter and form. Minister and subject. Nuptial benediction. Impediments of marriage. Prohibitory; their names; dispensation from them. Diriment; how far doubt or invincible ignorance of them would prevent invalidity of contract. Particular diriment impediments. Error and

Condition; Solemn Vows; Holy Orders; Relationship, natural, spiritual and by adoption; Affinity; Public Propriety; Adultery and Murder; Difference of religion; Fear; Prior Marriage; Clandestinity; Impotence; Abduction. Dispensation from diriment impediments, when possible, when impossible; power, causes and mode of dispensation. Revalidation of marriage by dispensation, simple or in radice. Conjugal obligations, violations thereof.

SECTION II.—CANON LAW

Course I.—Ecclesiastical Persons. Clerics, Religious, The Laity. (First and Second Books of the Code of Canon Law.)

Disciplinary Laws. (Fifth Book of the Code of Canon Law.)
Two lectures a week. Two Semesters.

Introduction to Canon Law. Divisions and Sources. History of Development. Customs, Rescripts, Privileges, Dispensations.

Clerical State. Rights and Obligations of Clerics. Incardination. Appointments and Selection to Ecclesiastical Offices.

General Government. The Supreme Pontiff. General Councils. Cardinals, The Roman Court; Congregations, Tribunals, Offices. Legates, Patriarchs, Primates, Metropolitans. National and Provincial Councils. Vicars, Prefects and Administrators Apostolic. Prelates of Lower Rank.

Episcopal Jurisdiction. Bishops, Coadjutors, Auxiliaries. Diocesan Synods. Vicars General, Chancellors and Notaries, Synodal Examiners and Consultors, Chapters and Diocesan Consultors, Vicars Capitular, Deans, Pastors and Assistant Pastors. Erection, Union and Division of Parishes. Rights, Duties, Appointment and Transfer of Parish Priests.

Religious State. Orders and Congregations. Erection and Suppression of Religious Houses and Provinces. Acquisition, Administration and Alienation of Temporalities. Admission; Conditions of Validity, Postulants, Novices. Requisite Qualifications and Training of Candidates. Profession; temporary and perpetual. Vows; simple and solemn. Studies in Clerical Orders and Congregations. Rights and Obligations. Enclosure; Papal and Episcopal. Egression; Passing to another Order, Return to Laical State, Expulsion.

The Laity. Lay Organizations in general. Third Orders Secular. Confraternities and Pious Unions. Archconfraternities and Sodalities.

Disciplinary Laws. Offenses, their nature and divisions. Interpretation, Application and Remission of Penalties. Censures; Excommunication, Interdict, Suspension. Penal Remedies. Offenses against the Faith and Unity of the Church. Against Religion, Authorities, Persons and Things Ecclesiastical. Against Life, Liberty and Property. Offenses in the administration and reception of the Sacraments. Against the Obligations proper to the Clerical or Religious State. Offenses in the Appointment to and Reception of Ecclesiastical Offices and Dignities. Abuse of Authority.

Course II.—Ecclesiastical Things. (Third Book of the Code of Canon Law.)

Ecclesiastical Procedure. (Fourth Book of the Code of Canon Law.)

Two lectures a week. Two Semesters.

The Sacraments. Baptism, Confirmation, Holy Eucharist, Penance, Extreme Unction, Holy Orders. Minister, Subject, Rites and Ceremonies, Time and Place. Patrons, when required, their qualifications and obligations. Registration of Baptized, Confirmed and Ordained. Reservations. Indulgences; Plenary and Partial, Concession and Requirements for Obtaining. Requisite Qualifications for Ordination. Irregularities and Impediments. Dispensations.

Matrimony, Nature and Purpose. Requirements for Validity. Publication. Impediments; Prohibitory and Diriment. Consent, and the Matrimonial Contract. Separation. Convalidation.

Sacramentals. Competence of Ministers. Consecrations, Benedictions, Exorcisms.

Sacred Places and Times. Churches, Oratories, Altars. Ecclesiastical Sepulture. Cemeteries. Feast Days. Fast and Abstinence.

Worship and Devotion. Custody and Worship of the Blessed Eucharist. Devotion to the Saints. Images and Relics. Processions. Sanctuary Equipment.

Religious Instruction. Sermons, Lectures, Catechetical Instruction, Missions. Seminaries and Schools. Censorship and Publication of Books and Periodicals. Profession of Faith.

Ecclesiastical Benefices and Non-Collegiate Institutions. Erection, Union, Translation, Division, Conversion and Suppression of Benefices. Collation. Right of Patronage. Rights and Obligations of Beneficiaries. Hospitals, Orphan Asylums, other and similar Charitable Institutions.

Ecclesiastical Property. Acquisition, Administration, Alienation, Contracts, Foundations.

Ecclesiastical Procedure. Tribunals of the First Instance. Judges, Auditors, Notaries, Promoters, Defenders. Tribunals of Original and Appellate Jurisdiction. The Rota and Signatura. Parties Litigant. Actions, Exceptions and Petitions. Introduction of Causes. Methods of Procedure. Matrimonial Causes: The Competent Forum. Constitution of Tribunals. Evidence. Witnesses. Causes relative to Ordination. Causes of Beatification: Testimony, Documents, Perquisition, Informative Process. Revision, Discussion, Judgment. Canonization Procedure in removal and transfer of Pastors. Application of Penal Sanctions.

SECTION III.—SACRED LITURGY.

One lecture a week.

The rites and ceremonies of the Catholic Church form part of the curriculum of the Divinity School during the third year of the course. Practical instructions are given on the manner of celebrating the Holy Sacrifice of the Mass; on the administration of the Sacraments, and on the recitation of the Divine Office, on decorum and exactitude in the external worship of God.

TEXT-BOOKS. The Cereimonial of the Council of Baltimore; the Compendium Sacrae Liturgiae of Wapelhorst.

Department III.—Biblical Science

SECTION I.—SACRED SCRIPTURE

Old Testament

Five lectures a week. Two Semesters.

I. History of Revelation and of Old Testament Times.

II. Biblical Archæology:

a). The Tabernacle and the Temple. The Worship. The Calendar. The Sabbath and Principal Feasts.

b). The Government. The Family. Agriculture. Arts and Commerce.

III. Exegesis. Special introduction to and commentary on one or more of the following books:

a). The Prophets and Messianic Prophecies.

b). The Psalms and Sapiental Books.

c). The Historical Books.

New Testament

Five lectures a week. Two Semesters.

a). **History of New Testament Times.**

Political History of Palestine. The Jewish Commonwealth under Roman Rule. Religious parties. The Scribes. Jewish life and customs. The Jews and the Gentiles. Messianic hopes. Apocryphal literature. Chronology of New Testament times.

b). **Exegesis.** Special introduction to and commentary on one or more of the following books:

Course I. The Gospels and the Acts of the Apostles.

Course II. The Epistles of St. Paul.

Course III. The Catholic Epistles.

SECTION II.—HEBREW

Second Year. One hour a week. Translation of selected passages with special reference to the syntax.

Department IV.—Ecclesiastical History

**Course I.—The Church of Antiquity and of the Middle Ages.
(1—1307 A. D.)**

Two lectures a week. Two Semesters.

Introduction. The Condition of the Jewish and Gentile World During the Last Century Before Christ.

From 1-313 A.D. The Church of Antiquity. Foundation of the Church. The Vocation of the Gentiles. The Church of Rome. The Primacy. The Spread of Christianity during the First Three Centuries. The Era of Persecutions.

The Hierarchy of the Early Church. The Earliest Heresies. Worship, Sacraments and Private Devotions of the Faithful.

From 313-c700. The Church of the Fathers. The Decline of Paganism and the Spread of Christianity during the Migration of Nations. The Church and the Emperors.

The Great Heresies and Schisms. The Hierarchy. Councils, General and Particular. Religious and Social Life of the Period.

From c700-1073. The Church of the Early Middle Ages. The Conversion of Central and Northern Europe. Moham-
medanism. Formation of the Papal States. The Papacy and the Empire.

The Phocian Schism. Religious and Social Life of the Period. Monasticism. Ecclesiastical Literature.

From 1073-1307. The Ages of Faith. Gregory VII. and the Affair of Investitures. The Crusades. The Papacy and the Empire. Innocent III and his Time. The 13th Century.

Internal Development. Monks, Friars and Orders of Knighthood. Mediaeval Sects. Religious and Social Life of the Laity. Mediaeval Art, especially Romanesque and Gothic Architecture. Ecclesiastical Studies. Scholasticism and the Mediaeval Universities.

Course II.—The Church During the Renaissance and Modern Times.

Two lectures a week. Two Semesters.

From 1307-1517. The Renaissance. The Papal Exile at Avignon. The Great Schism of the West. The Pseudo-Conciliar Movement. The Council of Constance. The Popes of the Renaissance.

The Religious and Moral Life of the Period. The Fore-runners of the Reformation. Wycliffe and Huss. The Spanish Inquisition. Ecclesiastical Science and Literature. The Renaissance of Letters and of Art.

From 1517-1618. The Religious Revolt of the XVIth Century. Causes of the Reformation. Luther, Calvin and Zwingli. The Reformation in the North and the East of Europe. Calvinism in France, Scotland and the Netherlands. Henry VIII and Elizabeth.

The Counter-Reformation. The Council of Trent and its Reforms. The Papacy. Loyola and the Jesuits. Saints and Missionaries. The Great Modern Theologians. New Orders and Congregations. Literature and Art.

From 1618-1789. The Age of Political Absolutism and Religious Disunion. Protestant Sects. Gallicanism and Josephinism. The Penal Laws in England and Ireland. The Suppression of the Society of Jesus.

Catholic Missions During the XVIIth and XVIIIth Centuries. The Americas. The Reductions of Paraguay. Canada and Colonial America. The Decline of Theological Studies. Jansenism.

From 1789-1870. The Nineteenth Century. The French Revolution. Napoleon and the Church. The Civil Constitution and the Concordat. The Congress of Vienna. The Revolutions of 1830 and 1848. Piedmont and the Loss of the Papal States. The Church in America, especially in the United States.

The Second Spring. Catholic Emancipation. The Oxford Movement. The Catholic Revival in France and Germany. The New Scholasticism. New Orders and Congregations. Catholic Missions. Sacred Art. The Council of the Vatican.

Christian Archeology

(Illustrated)

Introduction. Object of this Course. Concept, Division and Scope of Christian Archeology.

The Catacombs

I. History and Structure of the Catacombs.

1. Origin, Purpose, Use, Decay and Rediscovery.
2. Structure, Location, Extent, Arrangement.

II. The Art of the Catacombs. The Views of the Early Church on Art. Symbolism and Allegory. The Use of Pagan Forms.

1. Architecture and Sculpture. Cubicula and Crypts, esp. The Papal Crypt. Subterranean Basilicas. The Statues of Hippolytus and The Good Shepherd. Sarcophagi.

2. Painting. Character, Contents, Technique. Periods of Cemetery Painting.

Christian Epigraphy

I. General Characteristics of the Inscriptions of the Catacombs.

1. Pagan and Christian Forms. Language and Style.
2. The Dating of Inscriptions.
3. Content and Great Apologetic Value.

II. Various Classes of Inscriptions.

1. Doctrinal, and Hieratic Inscriptions.
2. Historic Inscriptions. Inscriptions Descriptive of the Life and Manners of the Early Christians.

The Art of the Patristic Age.

I. Early Christian Architecture. Prominence of Architecture.

1. The Basilica. Its Original Form and Later Development.

2. The Circular Style. Baptisteries and Rotundas, e.g. The Lateran Baptistry.

3. The Byzantine Style. Its Origin, Characteristics and Spread. The Hagia Sophia at Constantinople.

II. Painting and Sculpture. Views of the Fathers on Art.

1. Sculpture. Sarcophagi. Diptychs, Bookcovers, etc.

2. Painting. Frescoes and Mosaics. Origin and Extraordinary Development of Mosaic Art. Byzantine Mosaics. Ravenna and Rome.

Patrology

Introduction. Concept, Scope and History of Patrology. Definition of Terms: Patrology, Patristics, History of Dogmas, Early Christian Literature, Father of the Church, Ecclesiastical Writer, Doctor of the Church.

Ante-Nicene Fathers. Views of the Early Christians on Literary Activity. General Characteristics of Early Christian Literature.

I. The Apostolic Fathers, before 150 A. D. "The Apostles' Creed." The Didache. The So-called Epistle of Barnabas. The Letters of Clement of Rome, Ignatius of Antioch, and Polycarp. Papias. Hermas. Diognetus.

II. The Apologists of the Second Century. Quadratus. Aristides. Justin the Martyr. Tatian. Athenagoras. Hermias. Minucius Felix, etc. Irenaeus of Lyons.

III. The Third Century. The Beginnings of Theology.

1. The Alexandrians. Clemens. Origen. Dionysius. Lucian, etc.

2. The Africans. Tertullian. Cyprian. Lactantius, etc.

3. The Romans. Hippolytus the Philosopher. The Muratorian Fragment.

The Patristic Age. The Phenomenal Development of the Theological Literature of this Period. Causes. Various Forms. General Characteristics.

I. The Fathers of the East or the Greek Fathers. Eusebius Pamphili. Athanasius. Basil the Great. Gregory of Nazianzus. Theodore of Mopsuestia. Didymus. John Chrysostom. Cyril of Alexandria. Theodoretus. Ephrem. John Damascene, etc. The Pseudo-Areopagite, or The Question of the Authenticity of the Writings of "Denis the Areopagite."

II. The Fathers of the West or the Latin Fathers. Hilary of Poitiers. Ambrose of Milan. Prudentius. Rufinus and Jerome. Augustine of Hippo. John Cassian. Fulgentius. Boethius and Cassiodorus. Venantius Fortunatus, Gregory the Great, etc.

Conclusion. The Decline of Patristic Literature.

History of Dogmas

Two years course. Two periods a week.

Course I. Development of Dogmas During the Patristic Period, 100-869.

First Semester. Teaching of the Apostolic Fathers, of the Apologists, of the Antignostics. Formation of Greek and Latin Theology. Baptismal Controversy. Question of Penance. Arianism and the Council of Nicaea. Semi-Arian Controversy. Apollinarianism. The Macedonian Heresy. The Second General Council. Dogmatic Development during the fourth century. Pelagianism and Semi-Pelagianism. The Doctrine of Grace and Original Sin.

Second Semester. The Nestorian Heresy. The Third General Council. Eutychianism. The Fourth General Council. The Three Chapters. The Fifth General Council. The Monothelite Heresy. The Sixth General Council. Fifth-century Christology. General Theology. Veneration of Saints. Mariology. Eschatology. Veneration of Images. The Seventh General Council. The Filioque Clause. Spanish Adoptionism. The Photian Schism. The Eighth General Council.

Course II. Development of Dogmas During the Scholastic and Post-Tridentine Periods.

First Semester. Formation of Scholasticism. Method and System. Representative Scholastics. Their Teaching—On God: His Existence, His Essence, His Attributes. The Blessed Trinity. Creation. Angelology. Anthropology. Original Justice. Original Sin.

Second Semester. Christology. Soteriology. The Church. Grace. Justification. Predestination. The Sacraments. Mariology. Veneration of Saints. Eschatology. Mediaeval Heresies and Councils. The Reformation and the Council of Trent. Post-Tridentine Theology. School Differences. Later Heresies and Papal Decisions. The Vatican Council.

Text-Book. Manual of the History of Dogmas. B. J. Otten, S. J.

Department V.

SECTION I. —SACRED ELOQUENCE

The students of the Divinity School give serious and continued attention to the theory and practice of pulpit oratory. During the course of the year each student is required to elaborate a sermon on some given text, and, after it has been submitted for approval, to deliver it before his professors and fellow-students. In addition to this weekly gatherings are held, presided over by one of the professors, where, in turn, the students deliver choice selections from the great pulpit orators, or original developments of Scripture texts. The speakers are then criticised by their fellow-students and the professor concludes the exercise by a general summing up of the criticism offered.

SECTION II.—ECCLESIASTICAL MUSIC

Plain Chant

Third Year. Second Term. One hour a week.

Elements and characteristics of modern musical theory. Introduction to the theory and practice of Gregorian chant. Voice culture. Sight reading.

This course is mainly practical. Its object is to give facility in reading and properly rendering the liturgical chant occurring in the service of the Catholic Church.

TEXT-BOOK: New School of Gregorian Chant—Johner.

The University Choir

A choir of about twenty-four voices, from the Theological and Philosophical Departments, takes charge regularly of the singing at all solemn services in the University chapel. At the Holy Week services in the church and on special occasions the choir is assisted by from thirty to forty additional voices.

School of Philosophy
and Science

Graduate School of Philosophy and Science

Officers

REV. WILLIAM F. ROBISON, S. J., Ph. D.,
President of the University.

REV. JAMES I. SHANNON, S. J., A. M.,
Regent.

REV. FRANCIS J. O'BOYLE, S. J., A. M.,
Dean.

Introductory Statement

The courses of the Graduate School of Philosophy and Science extend over three years, and may be classed under two heads: 1. Rational Philosophy and Ethics; 2. Science and Mathematics.

The courses of the third year are entirely graduate in character. The courses of the second year are nearly all of such a nature that credit for them towards a graduate degree can be and is given to those who have already obtained their undergraduate degree.

Department of Philosophy and Ethics

The subjects of this department have ever been regarded as the crown of systematic education, Philosophy giving and demanding the highest mental culture, and Ethics furnishing the rational basis of moral conduct. A brief examination of the following outline will show that the purpose of these courses is definite and positive, not solely the study of the history of philosophy and the vagaries of human thought without solid inquiry into the truth or error of the divergent philosophical opinions or theories. The history of philosophical schools and their adherents is adequately considered, but is rated as of secondary importance. The primary object is to sift the truth from error in all opinions and from the knowledge thus acquired to build a consistent system of principles of thought and action.

The strict scholastic method, as perfected by St. Thomas and the schoolmen, is followed. In orderly sequence the various opinions on any subject are examined, the false and the true are discriminated, the error and its source are laid bare, the arguments for the false opinions are refuted, the

truth is expounded and established. This work is supplemented by the scholastic exercise known as the "Circle." A "Defender" proposes a thesis which has been established in the manner described, gives an exposition of its meaning, describes the contrary opinions, proves his own proposition by argument, and then defends his thesis against "Objectors" who urge the difficulties of dissentient philosophic schools. At regular intervals there are public disputations as an incentive to thoroughness and an aid to the acquisition of self-reliance.

Department of Science

Realizing the importance of science and mathematics in a liberal education, the University requires its students of Philosophy to pursue courses in mechanics, physics, chemistry, biology, geology, astronomy and higher mathematics, as indicated below. Every facility is offered for thorough laboratory work.

Degrees

The Graduate Degrees to which the courses lead are those of Master of Arts and Master of Science.

Requirements for the A. M. Degree:

1. The candidate must have an A. B. degree from an institution of good standing and must devote one year exclusively to resident graduate study.

2. The work must be done in one or two departments, and must ordinarily embrace one principal and one or two secondary subjects. It must involve concentrated work in some special field of study in such subjects as Philosophy, History, Economics, Mathematics, Physics, Chemistry, Biology. Advanced courses given in the professional schools of St. Louis University will be accepted in partial fulfillment of

requirements for the A. M. degree, but under no circumstances may a candidate count these same courses toward a professional degree.

3. The candidate must pass a satisfactory examination in all the subjects studied.

4. He must present a typewritten or printed thesis in his major subject. This essay must be on a subject approved by the professor in charge of the major subject and must be completed and submitted at least four weeks before the time of the final examination. Two referees will then be appointed to examine the essay and present a written report upon it.

The degree of Master of Science, M. S., is conferred under the same conditions as above when the major subject of study has been scientific.

Requirements for the degree of Doctor of Philosophy—Ph. D.:

The degree is conferred on one who, having previously received the Bachelor's degree from an institution of good standing, satisfies the following requirements:

1. At least three years of resident graduate work in pursuance of an accepted course of study. The course in question must include one principal and one or two secondary subjects. A reading knowledge of French and German is a prerequisite.

2. A satisfactory examination upon the work done in preparation for the degree.

3. The presentation of a satisfactory printed thesis. Since the chief consideration in the candidate is that he be able to produce valuable and original work, his thesis must embody a real contribution to science.

4. Such knowledge of subjects considered fundamental as may be prescribed by the several departments.

Outline of Courses

Department I.—Philosophy and Ethics

SECTION I.—RATIONAL PHILOSOPHY

First Year

Logic and Ontology

Ten lectures a week. Seminar, two hours a week.

Minor Logic

Definition and division of Philosophy. The province of formal and material logic. Three acts of the mind.

Simple Apprehension. Classification of ideas. Subordination of genera. The heads of predicables. Classification and use of terms. Definition. Nominal definition. Real definition. Rules for definition. Division.

Judgment. Propositions: their nature and division. Opposition, conversion and equivalence of propositions.

Reasoning. Syllogism and its laws. Figures and modes of the syllogism. Various kinds of syllogisms. Nature and kinds of demonstration. Example and analogy. Analysis and synthesis. Fallacies. Science.

Major Logic

Truth. Definition of truth. Truth completely possessed in the judgment only. Logical falsity. Ideas never false. Judgments may be false.

Certitude. Nature of certitude in general. Ignorance, doubt, suspicion, opinion, probability. Metaphysical, physical and moral certitude. Natural and philosophic certitude. Universal skepticism. Methodic doubt. The primary principle, fact and condition of all knowledge.

Sources of Certain Cognition. Consciousness. The senses. Ideas. Objectivity of ideas. Criticism of Kant's synthetic "a priori" judgments. Intellect. Reason. Memory. Human testimony and belief. Historical criticism. Auxiliary sciences of history. Processes of indirect research. Textual criticism.

Universals. Nominalism. Conceptualism. Ultra-Realism. True doctrine on universals, as explained by St. Thomas.

Criterion of Truth. Blind impulse to believe. Sentimentalism. Traditionalism. Objective evidence.

Ontology

Being. The concept of being. Being neither a generic nor a universal notion. Analogousness of being. Essence and existence. Possibility, internal and external. The possible precedes the actual. Internal possibility depends, not on God's will or on His omnipotence, but on His essence and intelligence.

Attributes of Being. Unity. Individuality, identical with concrete nature. Identity and distinction. Truth of being. Goodness of being. How and why every being is good. Evil in being a privation.

Notions next in point of generality to Transcendental Being. Substance. The reality of substance defined. False definitions of Locke, Spinoza, and Leibnitz. Accident, absolute and modal. Accidents really distinct from their substance. Accidents existing without substance. Substance as hypostasis and personality. Wrong and dangerous doctrine of Locke in regard to personality. Relation. Causality. Kinds of causality. Principle of causality.

The Perfection of Being. Simple and compound being. Necessary and contingent being. Finite and infinite being. Order and beauty.

Second Year

Cosmology and Psychology

Cosmology

Four lectures a week. Seminar, one hour a week.

Origin of the World. Pantheistic Theories; Materialistic Views; Possibility of Creation; Fact of the World's Creation in Time.

Laws of Nature. Reality of Activity in Inorganic Bodies. Design in Nature. Intrinsic Final Tendencies of Natural Bodies. Contingency of Physical Laws. Nature, Possibility and Cognoscibility of Miracles.

Theory of Matter and Form. Atomism, Dynamism, Substantial Changes; Matter and Form. Nature and Properties of Primal Matter and of Substantial Form. The Compound.

Nature and Properties of Inorganic Bodies. Quantity, Continuity, Formal Effect of Quantity. Space and Place. Time, Eternity, Eternity. Sensible Qualities of Corporeal Substances.

Existence of Bodies in Space. Reality of Existence of Bodies in Space; Circumscriptive, Definitive and Mixed Existence of Bodies in Space; Compenetration and Replication.

Psychology

Six lectures a week. Seminar, one hour a week.

The Problem of Life in General. Characteristics of living and non-living matter. Mechanical theories of life. Vitalism, Neo-Vitalism. The scholastic doctrine.

The Structure and Functions of the Nervous System of Man. The General Arrangement of the nervous system. Nerves. The peripheral end-organs. The spinal cord. The brain.

The Reflex Mechanism and Its Bearing on Psychological Problems. The facts of reflex action. Their purposive character and the so-called objective criterion of mind. Reflexes and voluntary actions, sensori-motor and ideomotor actions, expressive movements, instinctive and impulsive actions. The physical basis of habit. The automaton theory. The principle of conservation of energy and mental control over bodily actions.

The Localization of Functions in the Brain. History of the problem. Modern methods and results. Motor and sensory areas. The so-called "silent areas." Speech centers. The various forms of aphasia. Acquired functions. The process of learning. Problems of child-psychology.

Sleep and Dreams. History of the problem. Various theories of sleep; its physiological and psychological significance. Experimental investigation of dreams.

Hypnotism. The facts and the various theories. The so-called hypnosis of animals.

Nature and Kinds of Sensations. Classification of the senses. External and internal senses. Mueller's, Weber's and Fechner's laws. Experimental investigation of association and memory. The Associanist school. Experimental investigation of the various sensations. Space perception and modern theories on the subject. The scholastic doctrine concerning sensation.

Emotions. Experimental investigations and the scholastic doctrine.

Intellectual Life. Theories of psychic elements in the light of the psychological experiment. Methods of investigation. The work of the Wurzburg school. Essential distinction between intellect and sense. The scholastic doctrine in the light of physiological and experimental data. Sensationalists, Associanists, Materialists, Monists, Psychophysical Parallelists, Positivists, Empiricists, Evolutionists. Brutes have no reasoning power.

The Three Elements of Intellectual Life. Simple apprehension, judgment, and reasoning. The objects, primary and secondary, of the intellect.

The Origin of Ideas. Theory of innate ideas; Plato, Descartes, Leibnitz, Rosmini, Cousin, Fichte, Hegel, Schelling, Kant. Ontologism; Malebranche, Gioberti, Ubaghs. Traditionalism; De Bonald, Bonnetti, Ventura. The scholastic Aristotelian doctrine. The process of abstraction; the scholastic doctrine in the light of modern investigations.

Judgment and Reasoning. The scholastic doctrine. Experimental analysis of the judicial process; assent and consent. Analysis of Ratiocination. Deduction and Induction. Implicit reasoning.

The Will. Its essential difference from the sensitive appetite. The object of the will. Motives. Deliberation. Necessary and free acts.

The Nature of Free Will. The conditions of free choice. The experimental evidence. Moral aspect of free will. Free Will, the necessary complement of man's rational nature. The various forms of Determinism. The impediments of free choice. The perversions of the will; crime and insanity.

The Human Soul. The substantiality of the soul and the so-called "actuality theory." The stream of consciousness. The perception of abiding identity of the Ego. The simplicity of the soul and the recent advances in nerve-physiology. The spirituality of the human soul. The argument from the perception of abstracts and universals. Modern nominalism. The argument from perfect psychological reflection. The argument from free will.

Union of Soul and Body. Aristotelico-Scholastic doctrine. Descartes' doctrine on the seat of the soul. Doctrine of Plato, Malebranche, Locke, Rosmini, etc. Modern theories of "interaction" and "psycho-physical parallelism."

Origin of the Human Soul. Traducianism. The scholastic doctrine.

Immortality of the Human Soul. The natural immortality of the human soul proved from its spirituality. Its actual immortality. Ethical and teleological arguments. The universal belief of mankind and its value as an argument.

Third Year

Natural Theology and Special Lectures

Natural Theology

Four lectures a week. Seminar, two hours a week.

The Existence of God. Views of the Monotheistic Philosophers on the natural foundation of a reasonable belief in God. Refutation of so-called Ontological arguments. St. Anselm's argument.

Proofs of the existence of an Intelligent First Cause or Personal God. The metaphysical, physical and moral *a posteriori* arguments.

The Essence of God. His Attributes: Infinity, Unicity, Simplicity, Immutability, Eternity, Invisibility, Incomprehensibility.

Cognition of God. Its objects, primary and secondary. His cognition of the Possibles, of necessary and free future acts, of the Futuribles.

The Will of God. Its objects, primary and secondary. Necessary and free objects. His Will, the Principle of Creation. The Creative Power can in no sense be shared by Creatures.

Divine Preservation and Concurrence. Divine Providence and its relation to existing evil. Scholastic differences as to the manner in which God concurs with creatures.

Special Lectures

A more thorough study of questions selected from the different parts of Philosophy and of special importance because of their connection with both Moral and Dogmatic Theology.

Historical Courses

History of Philosophy

Two hours a week. Two Semesters.

The logical, metaphysical and ethical problems discussed in the three-year course of Scholastic Philosophy are studied in their historical setting. Special stress is laid on an historical appreciation of *modern* philosophical thought, in particular of *Neo-Scholasticism* and *Neo-Kantism*.

History of Christian Art. (Illustrated)

One hour a week during the second semester.

The scope of this course is to show the development of art under the influence of Christian principles. It confines itself to architecture, painting and sculpture, and comprises the following topics:

Architecture. The Basilica and Rotunda. The Byzantine Style. The Romanesque Style, called Lombard in Northern Italy and Norman in England and Normandy. The Gothic Style, especially in France, England, Germany and Spain. The Renaissance, Baroque and Classic Styles. Church Architecture of the Nineteenth Century.

Painting. Early Christian Painting, Frescoes, Mosaics and Miniatures. Irish Illumination. Painting during the Romanesque and Gothic Periods. Stained Glass and Easel-Pictures. The Italian Renaissance; the Trecento and Quattrocento. The Schools of Tuscany, Umbria and the North. The High Renaissance: da Vinci, Michelangelo, Raphael. The Renaissance beyond the Alps. The Decline of Painting. The Italian, Flemish, Dutch and Spanish Schools of the XVIIth and XVIIIth Centuries. The Revival of Sacred Art in the XIXth Century. The Nazarenes and Pre-Raphaelites.

Sculpture. Early Christian Sculpture: Sarcophagi. Ivories, Statues. The Byzantine Influence. Early Mediaeval Reliefs and Carvings. The Plastic Work of the Romanesque Period. Gothic Statuary and Foliage. Nicolo Pisano and the Revival of Sculpture. The Renaissance: Ghiberti, Donatello, della Robbia, Verrocchio, Michelangelo. Sculpture during the XVth and XVIth Centuries North of the Alps. The Decline of Religious Sculpture during the XVIIIth Century and its Revival during the XIXth.

SECTION II.—ETHICS.

Four lectures a week, two semesters.

Seminar, two hours a week.

General Ethics

Ultimate End of Human Activity. Innate desire of happiness; its value in proving the existence and conditions of a future life. In the purely natural order the ultimate end of human life is perfect natural happiness, consisting necessarily in a relatively perfect knowledge and love of God in the life to come. Supreme purpose of the present life, to shape conduct according to the exigencies of the higher destiny towards which man is tending.

Human Activity. Man, like every other being, attains to his end by acting conformably to his specific nature. A study of human activity. Human acts voluntary. Voluntary acts, considered in their physical nature, require an act of the will guided by a knowledge of the end for which the act is performed. They are modified or nullified by ignorance and passion. Voluntary acts studied in their normal nature. What acts can be called strictly moral acts. Essence of morality. Intrinsic difference between good and evil. Rule of morality and sources from which moral good and evil are derived.

The Law of Nature. In addition to the faculty of knowing right from wrong, man understands clearly that he is obliged to do the one and to avoid the other. General notions of law. There is a law existing in the mind of God from eternity. Through creation this eternal law is promulgated in man's rational nature. Proofs of the existence of a natural law, its scope and its properties. Relation of positive law to the law of nature. Analysis of the idea of obligation.

Rights. Man by reason of his social nature needs protection in the exercise of his liberty. Rights as distinguished from physical force. There are rights granted by nature

which are valid independently of all positive legislation. The juridical order is not separate from the moral. The relation of man to the lower animals; vivisection.

Applied Ethics

Duties. Duties of man towards God. Duties of man towards himself, (a) towards his body, (b) towards his soul, (c) towards external things. Duties of men towards each other.

Right of Defense. A lie is intrinsically evil and in all cases prohibited. Man may defend his life to the extent of destroying the life of an unjust aggressor, if the proper conditions be verified. Under the law of nature every man has a right to his honor and good name; this right, however, cannot be defended by acts of external violence; consequently the duel is prohibited by the law of nature.

The Right of Property. Various forms of socialism. Socialism not a remedy for existing social and economic difficulties. The right of acquiring and holding private possessions is a natural one.

Social Ethics

Domestic Society. Man by nature a social being. This social tendency develops first in domestic society. The nature and necessity, the end, obligation, unity, indissolubility of matrimony. Duties of parents and children in the family. The social instinct in man further develops itself in civil society.

Civil Society. Origin and efficient cause. Origin of authority. End of civil society; false opinions. Rights and duties belonging to civil authority; its supervision over morality, over religion in the natural order. Relation between Church and State. Right of the State in the matter of education. Education a parental right primarily. Relation of public authority to economic and social questions.

Various ways by which political power may be transmitted; heredity, election, victory, prescription.

Forms of Government. Their division, advantages and defects. That form best which seems most adapted to the character of the governed.

Functions of Authority. Legislative power, its necessity and scope. Executive power. Its duties in foreign representation; in procuring peace and security at home; in advancing morality, the arts and sciences.

Judiciary Power. Its necessity; its rights in civil and criminal cases. Capital punishment.

International Relations. Treaties. War.

Pedagogy

One hour a week, one semester.

The scope of this class is the work of education, considered both theoretically and practically. An analytic study of the mental, moral (including religious) and physical elements of education is made, special stress being laid upon the all-important work of forming the character of the student.

Due importance is attached to the bearing of philosophy, in general, and of ethics, in particular, upon sound pedagogics.

The ample treatment given the intellectual element of education in the Normal Department of the University is presupposed in this course.

Course in Languages

Three hours a week during both semesters.

This course is supplementary to the study of the classics as pursued in the Normal Department of the University. It supposes, therefore, a knowledge of Latin and Greek Grammar, and aims at a more intimate acquaintance with the philosophical and historical works of antiquity. The

reading of prose is varied, however, occasionally by the study of some poetical work, for instance, of Horace or Plautus, Sophocles or Aeschylus. Special stress is laid on the study and practice of style. The course concludes with a conspectus of Latin and Greek Literature.

Hebrew

First Year. Hebrew Grammar with suitable exercises. Two hours per week. Two semesters.

Second Year. Select readings from the Bible. One hour per week. Two semesters.

Third Year. Composition. One hour per week. Two semesters.

Post-Graduate Elocution

One hour a week.

The class supposes a training in the elementary exercises of voice culture and expression, and aims at the practical application of these exercises to the selections studied. Emphasis and modulation of voice and naturalness in delivery receive special attention. The different interpretations which may be admitted are considered.

Department II.—Mathematics and Science

Mathematics.

Course I. A brief review of ALGEBRA, GEOMETRY and TRIGONOMETRY from the standpoint of the teacher of these subjects. Special attention is paid to the logical basis of the various topics and the ends to be sought in teaching them.

Course II. ANALYTIC GEOMETRY. Two hours a week: one semester.

Course III. DIFFERENTIAL and INTEGRAL CALCULUS. Two hours a week: one semester.

Course IV. DIFFERENTIAL and INTEGRAL CALCULUS, advanced, with applications to the sciences. Five hours a week: two semesters.

Course V. DIFFERENTIAL EQUATIONS. Five hours a week: two semesters.

Course VI. VECTOR ANALYSIS. Two hours a week: one semester.

Physics.

Course I. A course in GENERAL PHYSICS, with special attention to fundamental principles and their logical connection. Prerequisite: Plane Trigonometry. Lectures, experimental demonstrations and recitations, five hours a week; laboratory two hours a week: two semesters.

Course II. Advanced and more mathematical treatment of mechanics, molecular physics, light and heat. Must be preceded or accompanied by a course in Calculus. Prerequisite: Course I. Lectures four hours a week; two semesters.

Course III. ELECTRICITY and MAGNETISM: RADIO-ACTIVITY: the ELECTRON THEORY. Prerequisite: Course I and the Calculus. Lecture four hours a week: two semesters.

Course IV. Advanced laboratory measurements in mechanics, molecular physics, light and heat. Includes some lectures on the theory of physical measurements and measuring instruments and the computations of results. Six hours a week: two semesters.

Course V. Advanced laboratory work in Electricity and Magnetism. Six hours a week; two semesters. Prerequisite: Course III.

Course VI. Electric oscillations and electromagnetic waves; radio communication. Lectures two hours a week: one semester.

Chemistry.

Course I. GENERAL CHEMISTRY: Primarily for students of Philosophy preparing for advanced work in chemistry. Lectures, two hours a week; laboratory, four hours a week. In the lectures descriptive inorganic and organic chemistry are presented, together with a thorough discussion of the fundamental principles of the science and their application. The laboratory work consists of experiments and preparations of such a nature as to give the student an experimental knowledge of the subject-matter of the lectures. Two semesters.

Course II. QUALITATIVE ANALYSIS. Six hours a week: one semester. Prerequisite Course I.

Course III. QUANTITATIVE ANALYSIS. Lectures and Laboratory; eight hours a week: one semester. Prerequisite Courses I and II.

Course IV. ORGANIC CHEMISTRY. Prerequisite Courses I and II. Lectures two hours a week; laboratory four hours a week: one semester.

Geology

The general principles of dynamical, structural and historical Geology. Two hours a week: one semester.

Astronomy

A course dealing with fundamental facts, principles and methods. Two hours a week: one semester.

Biology

GENERAL BIOLOGY—Fundamental principles; general Physiology. Lectures two hours a week; laboratory two hours a week: one semester.

College of Arts and Sciences

College of Arts and Sciences

Officers

REV. WILLIAM F. ROBISON, S. J., A. M., Ph. D.,
President of the University.

REV. CHRISTOPHER J. KOHNE, S. J., A. M.,
Dean.

REV. HENRY A. HERMANS, S. J., A. M.,
Prefect of Discipline.

REV. CHARLES T. HOFFMAN, S. J., A. M.,
Treasurer.

Introductory Statement

Scope

The purpose of St. Louis University in its Undergraduate Department is to educate in the completest sense, that is, to develop fully and harmoniously the faculties of the whole man—intellectual, moral and physical. It assumes that on this harmonious development will depend the character of the students and the measure of their future utility to themselves and to the community; and it aims to give that solid training of both mind and heart which will make for this development and will fit the student for the just interpretation and use of life.

In the **intellectual training** of its undergraduate students the institution aims at laying a solid foundation in the elements of knowledge and at opening the mind to a generous share in the culture of life. For this reason the studies are chosen each for its distinct and peculiar educational value and as a part in a complete and nicely adjusted system. The studies are so graded and classified as to be adapted to the mental growth of the student and to his orderly acquisition of knowledge.

It is one of the decided advantages of the system followed in the University that the student in the Classical, Scientific or English Course may begin his studies in the High School, and then pass on through the college course to graduation in the same institution. This secures, besides the moral influence thus gained, a uniform and homogeneous course of teaching and of training. The result of such a course of study is a continuous and normal development of the mental faculties along well defined lines, and the possession of a clear and coherent system of principles upon which any special course may afterwards safely rest.

In its **moral training** the University aims at building the conscience of its students for the right fulfillment of their civil,

social and religious duties. There is insistence on the cultivation of the Christian virtues which operate for this fulfillment; and, as religion is the only solid basis of virtue and morality, thorough instruction in the religious principles forms an essential part of the system. Students of any denomination are admitted to the courses, and all are required to show a respectful demeanor during the ordinary exercises of public prayer; but the Catholic students are required to attend the classes in Christian doctrine, to be present at the chapel exercises, to make an annual retreat, and to approach the sacraments at least once a month.

High Schools

The better to secure the results aimed at in its educational work, and to arrange a more perfect co-ordination between High School and Collegiate studies, the University has deemed it advisable to maintain a closely affiliated system of High Schools. Their purpose is to fit their pupils to meet the College entrance requirements by offering a programme of studies based upon those fundamental principles and methods which, in the judgment of the Faculty, underlie alike the work of the High School and the College. At present these schools number two: the Academy of St. Louis University, situated at No. 215 N. Grand avenue; Loyola Hall, Compton and Eads avenue. Catalogues, containing the Course of Studies and other information, may be had on application to the respective Head Masters.

English Commercial Course

At the request of patrons of the Institution a Commercial Course was established in the Academy of St. Louis University, situated at No. 215 N. Grand avenue. The purpose of this Course is to impart a solid general education, together with the special instruction proper to a Commercial High School. The ultimate development of the English Commercial Course has been realized in the graduate School of Commerce and Finance.

Entrance Requirements

All applicants for admission must present evidence of good moral character and, if they come from another school, a certificate of honorable dismissal.

ADMISSION BY CERTIFICATE. A certificate from the Principal of the High School in which a student has been prepared for College will be accepted instead of examinations in the subjects offered for admission, provided only it is made clear to the Dean of the Arts Department of the University that such school is not of a lower grade than the High Schools under the direct supervision of St. Louis University.

ADMISSION BY EXAMINATION. An applicant without a High School certificate will be required to pass a satisfactory examination in the required subjects for any course he intends to pursue and in such other subjects from the list of electives as he may present for entrance. The following is a general outline of matter for examination for those who would wish to enter the A. B. Course without a certificate from a standard High School:

LATIN. *Authors:* Caesar's Gallic War, four books; Nepos' Lives (6) may be taken in place of two books of Caesar; Cicero's Orations against Catiline, for Archias and the Manilian Law; Cicero's De Senectute and Sallust's Catiline or Jugurthine War may be taken as substitutes for three of the above orations; Virgil, four books of the Aeneid or their equivalent from the Eclogues, Georgics and Ovid's Metamorphoses.

Grammar and Composition: The examination in Grammar and Composition will require a thorough knowledge of the whole Latin grammar, together with such facility in writing Latin prose as is acquired by one who satisfactorily completes the course of exercises prescribed by St. Louis University High School. For this course see the catalogue of the Academy of St. Louis University.

GREEK. *Authors:* Xenophon's *Anabasis*, four books or their equivalent; Homer's *Iliad* or *Odyssey*, one book.

Grammar and Composition: The examination in Grammar will require a thorough knowledge of etymology of the syntax of cases, the rules of concord and prepositions, the syntax of the verb. The theme will be based on Xenophon and will test the candidate's ability to translate into Greek simple sentences, with special reference to the use of forms, particularly of the irregular verbs and the common rules of syntax.

ENGLISH. *Texts Prescribed for Reading and Study:* Two plays of Shakespeare, Burke's *Conciliation with the Colonies* or *American Taxation*; Irving's *Sketch Book*; one essay of Macaulay; Scott's *Lady of the Lake*; Goldsmith's *Deserted Village*; Tennyson's *The Passing of Arthur*; Lowell's *Vision of Sir Launfal*; Coleridge's *Ancient Mariner*, and Dickens' *David Copperfield*.

The applicant should make himself familiar with the characters, the plot, incidents and characteristic diction of each work. Equivalents will be accepted.

Rhetoric and Composition: The applicant will be examined on the principles of rhetoric as set forth in Brooks' *English Composition*, Book II, or in a work of equal standing. The composition will test the candidate's ability to write clear, idiomatic English. The subject will be taken from his experience and observation, or from the books he presents for examination. The spelling and punctuation must be correct, the sentences well constructed. The writer must show some discrimination in the choice of words and ability to construct well-ordered paragraphs.

MATHEMATICS. Algebra to Indeterminate Equations (included). Plane Geometry.

HISTORY. Greek and Roman History to the Fifth Century A. D.; History of the United States; Modern History; Migrations of Nations to Renaissance.

CIVICS. Garner's Government in the United States.

PHYSICS. Author: Millikan and Gale's First Course in Physics or an equivalent. Familiarity with the more elementary principles of mechanics, heat, sound, light, electricity, and magnetism, will be expected. Laboratory work should show proficiency in making exact measurements, care in making and recording observations, and accuracy in calculation. No credit will be given for laboratory work unless the original note book of the student be presented.

CHEMISTRY. Applicants may offer Chemistry as a substitute for Physics. The examination will cover matter equivalent to that taken by students in a two semester course in a standard High School. No credit will be given unless laboratory work has accompanied the study of the theory.

REQUIREMENTS FOR THE OTHER COURSES. Those who wish to enter any other course which the College of Arts offers must present a certificate from a standard High School. An applicant without a certificate should be prepared to pass satisfactory examinations in all required and elective subjects for entrance to the course he intends to pursue.

This outline of matter is practically the same for those entering other courses, save in this that the applicant may ask for examinations in the Modern instead of the Ancient Languages.

Detailed Statement of Requirements for Admission

All candidates for the Bachelor's degree must present entrance credits amounting to fifteen units. A unit represents a year's study in a high school subject pursued four or five times a week.

The required units for admission to the several courses are as follows:

A. B. COURSE

Latin	4 units	Ancient History	1 unit
Greek	2 units*	Modern History	1 unit
English	3 units	Science	1 unit
Algebra	1 unit	Elective	1 unit
Geometry..	1 unit		

B. S. COURSE

English	3 units	Ancient History	1 unit
Foreign Languages ..	2 units	Science	2 units
Mathematics	3 units	Elective	4 units

LITT. B. and PH. B. COURSES

English	3 units	Mathematics	2 units
Foreign	3 units	Ancient History	1 unit
(All in one lan- guage or two in one language and one in an- other.)		Modern History	1 unit
		U. S. History and Civics	1 unit
		Science	1 unit
		Elective	3 units

*Two Units in the same Modern Language may be substituted in place of Greek.

ELECTIVE UNITS. The elective subjects that may be presented to complete the required fifteen units must be taken from the following list:

English Literature	1	unit
Modern Language	2	units
Foreign Language	2	units
Biology	1	unit
Physiology	1	unit
Chemistry	1	unit
Algebra (intermediate)	$\frac{1}{2}$	unit
Trigonometry	$\frac{1}{2}$	unit
Solid Geometry	$\frac{1}{2}$	unit
Physical Geography	1	unit
American History	1	unit
English History	1	unit

General Statement of Requirements for Degrees

The conditions for the Baccalaureate degrees, A. B., B. S., Litt. B., Ph. B., are the following:

1. The completion of the four years' course leading to the degree for which the student is a candidate.
2. A written thesis approved by the Dean of the College and presented at least four weeks before graduation.
3. All work to be accepted in fulfillment of any requirement for the degree must be completed with a grade above 70.
4. A fee of \$10.00 payable in advance.

Requirements for the A. M. Degree:

1. The candidate must have an A. B. degree from an institution of good standing and must devote one year exclu-

sively to resident graduate study. Two years—eight months of which must be in residence—will be required if the candidate's whole time is not devoted to study.

2. The work must be done in one or two departments, and must ordinarily embrace one principal and one or two secondary subjects. It must involve concentrated work in some special field of study in such subjects as Philosophy, History, Economics, Law, Classics, English, Mathematics, Physics, Chemistry, Biology. Advanced courses given in the professional schools of St. Louis University will be accepted in partial fulfillment of requirements for the A. M. degree, but under no circumstances may a candidate count these same courses toward a professional degree.

3. The candidate must pass a satisfactory examination in all the subjects studied.

4. He must present a typewritten or printed thesis in his major subject.

5. A fee of \$10.00 is to be paid in advance.

The degree of Master of Science, M. S., is conferred under the same conditions as above when the major subject of study has been scientific.

General Statement of the Course of Study for the Degree of A. B.

All candidates for the degree of Bachelor of Arts must before graduation complete forty semester courses,* which shall include two years of college Greek, or of a Modern Language, three years of college Latin, three years of English, two years of Science in the group Physics, Chemistry, Biology, Geology, Astronomy, one year of History, one year of Mathematics, and two years of Philosophy. In addition, the candidate must do the prescribed work in Public Speaking, and, unless he can give evidence that he possesses a reading knowledge of French or German he must take a two years' course in one of these languages. Catholic students, moreover, will be required to take every year a course in Evidences of the Christian Religion, two hours a week, which if pursued for two years, will be accepted in satisfaction of two semester courses.

The rest of the studies are elective in this sense that the student who wishes to pursue technical or professional courses after or even before graduation will be given full opportunity to take those studies that will best prepare him for such courses and be allowed full liberty, under proper advice, to arrange his work according to the outline of studies given below. Under certain circumstances he may be allowed to drop one of the subjects there prescribed in favor of an elective, with the approval of the committee on electives. In case the student gives no such notice of wishing to prepare for professional studies, he will be required to follow certain specified courses in Political Economy, History of Philosophy, Geology and Astronomy. Any candidate, if found deficient in English, shall besides his other required work, take such courses as will be prescribed for him by the department of English.

*A semester course is a subject taken at least 3 times a week for one semester.

Schedule for the A. B. Course**FRESHMAN YEAR.**

The object of this class is the cultivation, in a special manner, of literary taste and style, which is to be effected chiefly by the study of the best poets and prose writers. The Greek and Latin classics are studied for this purpose, together with such English writers as are noted for the highest qualities of literary substance and form. Special emphasis is laid on the study of poetry. Moreover, in this class, as in the others of the course, the literary work is supplemented by that training in Mathematics and Science, which is required by a liberal education.

The prescribed studies are Latin, I and II*; Greek, I and II, or French, I and II, or German, I and II; English, I and II; Mathematics, I and II, and either Chemistry, I, or Biology, I and II. A student who enters with four units in Mathematics will not be required to take this subject in college. He may anticipate some other course. this subject in college. He may anticipate some other course. One who enters without Physics or without Chemistry will have to take that subject in Freshman year.

SOPHOMORE YEAR.

The work of this year centers on the study of Oratory and Historical Composition. The nature and types of oratory, principles of argumentation, the nature and requirements of historical writing are thoroughly investigated—the best models, ancient and modern, forming the subject-matter of study. Thus, while perfecting literary taste, the class is intended to develop that grasp and perspective of structure without which composition on a large scale is impossible.

The required studies are Latin, III and IV; Greek, III and IV, or French, III and IV, or German, III and IV; English, III and IV; History, III and IV, and one subject from the following: A Modern Language, Mathematics, III and

*See subject in the Outline of College Courses beginning on Page 254. The Roman numeral refers to the number of the course under the subject indicated.

IV, a Science (Physics, I and II; Chemistry, II and III, or II and V; Biology, I and II; Geology, I and II; Astronomy, I), Drawing, I and II; Descriptive Geometry, III and IV. A student who has no reading knowledge of French or German, will have to take either of these languages for two years during the remainder of his college course. A second Science must be taken in either Sophomore or Junior or Senior year, unless full credits for both Physics and Chemistry have been presented at entrance.

JUNIOR YEAR.

The object of this class is to form the mind to habits of correct reasoning and to impart sound principles of philosophy. Logic, Rational Philosophy—being, causality, the nature of matter, the human soul, its nature, origin, operation, etc.—are the chief subjects of study. The additional training received from the study of the history of Philosophy and various literary topics is by no means neglected.

In Junior year every student must take Logic, I, and Ontology, II, in the Department of Philosophy; Latin, V and VI, and English, V and VI, and two subjects from the following: Mathematics, III and IV; Greek, V and VI; German, I and II; French, I and II, a Science (Physics, I and II or VI; Chemistry, III and V or VI; Biology, I and II; Geology, I and II; Astronomy, I), History, V and VIII; History of Philosophy, IX.

SENIOR YEAR.

The study of Philosophy is continued this year in courses on the three important subjects of Psychology, Natural Theology and Ethics. These courses, treating of the existence of God, the origin of Moral Obligation, the Natural Law, Duties and Rights, the Origin and Nature of the Soul, etc., form the crowning work of a liberal education. Their aim is to teach sound principles of conduct, to give the students clear ideas

on the purpose and destiny of man, and on the problems of life and their solution, as furnished by ethical principles.

Every Senior is required to take Psychology, III, and Natural Theology, IV, and Ethics, V and VI, in the Department of Philosophy, and select three more subjects from the list of Junior electives, to which are added Political Economy, VII and VIII; in the Department of Philosophy, English, VII and VIII, and Pedagogy.

General Statement of the Course Leading to the Degree of Bachelor of Science

The Course leading to the degree of Bachelor of Science is open to those who, entering without Latin or Greek, or not wishing to continue these subjects, follow the outline of studies given below. They must complete forty semester courses exclusive of the prescribed work in Public Speaking. Catholic students must also take every year a course in Evidences of Religion, of from one to two hours, which, if pursued for two years, will be accepted in fulfillment of two semester courses. Every student must take five courses, each course consisting of not less than three hours a week, and he must in Junior and Senior years complete six semester courses in one or two closely allied sciences. The course is so arranged as to give, especially in the Freshman and Sophomore years, a broad training in the fundamental studies necessary for future success in scientific work, that is, in English, in Physics and Chemistry, in college Mathematics, in Logic and Philosophy, and in Modern Languages. Many Electives are offered in Junior and Senior years. In choosing from them the student must be guided by his prospective future work.

FRESHMAN YEAR.

The required studies are English, I and II; Mathematics, I and II; a Modern Language, I and II; Chemistry, I, and either Mechanical Drawing, I and II; Descriptive Geometry, I and II; Biology, I and II, or a second Modern Language.

SOPHOMORE YEAR.

The Sophomore student must take English, III and IV, a Modern Language, III and IV, (The one begun in Freshman continued) Physics, I and II; History, III and IV, and one subject from the following: Mathematics, III and IV; Drawing, I and II; Descriptive Geometry, I and II; Chemistry, II and III or V; Biology, a second Modern Language, III and IV.

JUNIOR YEAR.

The prescribed studies are English, V and VI; Logic, I, and Ontology, II, in the Department of Philosophy, and three subjects from the following: Advanced Physics, VI; Quantitative Analysis, III; Organic Chemistry, V; Physical Chemistry, VI; General Biology, I and II; Geology, I and II; Astronomy, I, any Elective of the Sophomore Year.

SENIOR YEAR.

The prescribed subjects are Ethics, V and VI, and Psychology, III, and Natural Theology, IV, in the Department of Philosophy. Moreover, the student must continue one subject taken in Junior Year and select two from the following: English, VII and VIII; Political Economy, VII and VIII, any Elective of Sophomore or Junior Year.

Outline of Studies for the Litt. B. Degree

FRESHMAN

The prescribed subjects are: English, I and II; Mathematics, I and II; Foreign Languages, I and II; Chemistry, I. The student must choose one subject from the following: A second Modern Language, I and II; Mechanical Drawing, I and II; Descriptive Geometry, I.

SOPHOMORE YEAR.

The prescribed subjects are: English, III and IV; Foreign Language; History, III and IV; Physics, I and II, and one from the following: A Science, Mathematics, History of English Literature or any Elective of Freshman Year.

JUNIOR.

The required subjects are: English, V and VI; Logic, I, and Ontology, II, in the Department of Philosophy; one Foreign Language. Two electives from the following: History, VII and VIII; Geology, I and II; Astronomy, I; Pedagogy. Any elective of Sophomore Year.

SENIOR.

The required subjects are: Ethics, V and VI; Psychology, III, and Natural Theology, IV, in the Department of Philosophy. Three electives from the following: English, VII and VIII; Political Economy, VII and VIII, any Elective of Sophomore or Junior Year.

The requirements for the degree of Bachelor of Science in Medicine are given on page 88.

For the degree of Bachelor of Philosophy see statement on page 241 concerning this degree.

Operation

Examinations. Examinations are held in all classes at the end of each semester. The semester examinations in January and June cover all the matter of the preceding half year.

Class Standing. The student's progress is indicated by the combined results of his examinations and class work. Classwork is the record of the student's attendance and of his satisfactory work during recitation periods. Each subject is estimated on the basis of 100%. An average below 75% is unsatisfactory; 70% is the Passing mark; 50% is a Failure and from 50% to 69% inclusive is reckoned a "Condition." One who fails in a Semester examination must repeat the subject of his failure; one who is "conditioned" is allowed to take another examination on the day appointed by the Dean. If "conditioned" examinations are not passed successfully on this date they become failures.

PROMOTIONS. Promotions to a higher grade are regularly made at the beginning of the Academic year but they will be made at any time when the student's progress justifies them. The examinations at the end of each semester are decisive for promotion.

General Regulations

1. **ATTENDANCE.** As regular attendance is an important element in class standing and an essential condition for successful work, students must not be detained or withdrawn from classes except for very grave reasons. For absence, for tardiness, or for permission to withdraw before the close of the daily session, a note from the parent or guardian will invariably be required. Mere absence does not excuse a student from the obligation of preparing his ordinary recitations or relieve him from any part of his examinations. Frequent absence or tardiness, except on account of sickness, is sufficient cause for dismissal.

2. **HOME STUDY.** All the endeavors of the Faculty will fail to insure success for the students unless they apply themselves to their studies with diligence and constancy outside of class hours. Approximately fifteen hours each week are spent at lectures; and to prepare the recitations and exercises for this work, as well as to review the matter previously seen, about two hours of home study daily are required for each lecture. Parents and guardians are, therefore, respectfully urged to insist on this application.

3. **COMMUNICATIONS.** Due notice should be given to the Dean of a change of residence, or the contemplated withdrawal of a student.

Honors and Prizes

HONORS. As the examinations are competitive, the combined examination and classwork record is publicly proclaimed in the Semi-Annual Assemblies at which all the students must be present. Honors and prizes at the close of the year are determined by the combined results of the classwork

and examinations of the student. A student who fails in any subject at the semester examinations is thereby disqualified from all honors. Those whose average is 90% and upward merit the distinction of First Honors, and those whose average is between 85% and 90%, Second Honors.

Special Prizes

INTERCOLLEGIATE ENGLISH PRIZE.—A purse of \$100.00 (\$50 for the first prize, \$20 for the second, \$15 for the third, \$10 for the fourth and \$5 for the fifth) is offered yearly by Mr. D. F. Bremner, of Chicago, for excellence in English essay writing. The purse is open to competition of the Jesuit Colleges of the Missouri Province, which are:

- St. Louis University, St. Louis, Mo.
- St. Xavier College, Cincinnati, O.
- St. Ignatius College, Chicago, Ill.
- St. Mary's College, St. Mary's, Kas.
- Creighton University, Omaha, Neb.
- University of Detroit, Detroit, Mich.
- Marquette University, Milwaukee, Wis.
- St. John's College, Belize, British Honduras.
- St. Ignatius College, Cleveland, O.
- St. John's College, Toledo, O.
- Campion College, Prairie du Chien, Wis.
- Rockhurst College, Kansas City, Mo.
- Sacred Heart College, Denver, Colo.

INTERCOLLEGIATE LATIN PRIZE.—For the best Latin essay for competitors of the same colleges, a gold medal is offered by Very Rev. F. X. McMenamy, S. J., Provincial.

GILFILLAN CATECHETICAL MEDAL.—A gold medal for the best catechetical essay is offered by Rev. Francis Gilfillan, S. T. L., Rector of the New Cathedral, St. Louis.

MOSER ORATORICAL MEDAL.—A gold medal for the best oration is offered by Mr. Leo Moser, St. Louis.

SHEA LATIN MEDAL.—A gold medal for the best Latin essay by a member of the Undergraduate Department is offered by Rev. E. J. Shea, Rector of the Immaculate Conception Church, St. Louis.

BYRNES PHILOSOPHICAL MEDAL.—A gold medal for the best philosophical essay is offered by Mr. James W. Byrnes, A. B., St. Louis.

CHURCH ELOCUTION MEDALS.—A gold medal for the successful contestants in the Collegiate and Academic Public Elocution contests is offered by Mrs. Alonzo C. Church, St. Louis, in memory of the late Mr. Alonzo C. Church.

TANNRATH PHILOSOPHY MEDAL.—A gold medal for Highest Honors in Junior Class of Philosophy is offered by Rev. John J. Tannrath, Rector of St. Agnes' Church, St. Louis.

MCCARTHY SHORT STORY MEDAL.—A gold medal for the best short story published in a current magazine by a student in the Classical Course of the College of Arts, is offered by Mr. Leo D. McCarthy, St. Louis.

SCANLAN COLLEGIATE MEDAL.—A gold medal for Highest Honors in Sophomore Class is offered by Philip J. Scanlan, St. Louis.

WALSH COLLEGIATE MEDAL.—A gold medal for Highest Honors in Freshman Class is offered by Mr. Edward J. Walsh, St. Louis.

Scholarships

In the **Collegiate Department** an Annual Scholarship is provided by the donation of \$100.00. A permanent scholarship which entitles the founder at all times to keep one scholar, designated by him and acceptable to the Faculty, free at the University, is founded by the gift of \$2,500. If the founder fails to name an incumbent, the scholarship will be conferred at the discretion of the Faculty.

The James J. Butler Scholarships. The sum of \$5,000 was donated by Mrs. James J. Butler in memory of Mr. James J. Butler, to found permanent Scholarships in the Classical Course. The beneficiaries of these scholarships are to be designated by the Faculty of the University.

The **Peter K. Lanahan Scholarships.** Mr. Thomas W. Lanahan, who had already founded a permanent scholarship in the Classical Course in memory of his brother Peter K. Lanahan, has donated the sum of \$1,000 towards founding a second scholarship.

The **William J. Cornet Scholarships.** In accordance with the wishes of Mr. William J. Cornet, A. B., '93, the family of the deceased has founded two permanent scholarships in the Classical Course, the beneficiaries of the same to be designated by the Faculty of the University.

The **Joseph Dodd Hartnett Scholarship.** The sum of \$2,500 was donated by the Hartnett Family to found a permanent scholarship, in memory of J. Dodd Hartnett, a former student of St. Louis University, the beneficiary of the same, preferably a youth showing inclination for the priesthood, is to be designated by the Faculty of the University.

The sum of \$100 was given by Mr. Philip C. Scanlan for an annual scholarship in the College Department, this scholarship to be known as the **Mary F. Scanlan Scholarship.**

Annual Scholarships

An annual scholarship was offered by the St. Ann's Sodality of the College Church, by the Children of Mary of the College Church, by Miss Mary E. Lynch, by a friend of St. Xavier's Parish, by a friend of St. Xavier's Parish. by Miss Smith.

Expenses

As the institution is not endowed, it is entirely dependent for its support on the fees paid for tuition.

Matriculation Fee (paid but once).....\$ 5.00

COLLEGE:	Tuition, for all classes ten months.....	100.00
	Physics, lecture-room and laboratory fee.....	15.00
	Chemistry, lecture-room and laboratory fee...	15.00
	Biology, lecture-room and laboratory fee.....	15.00
	Mechanical Drawing	15.00
	Diplomas for Graduates in the Collegiate, Scientific and Graduate courses.....	10.00
	Conditioned examinations, each.....	1.00
	Conditioned examinations, if taken on any other than the day assigned, each.....	2.00

Moreover, a deposit of \$5.00 is required of each student in the Science Classes, to cover breakage or loss of articles used in the laboratories. This amount, less the cost of the above items, will be returned to each student at the end of the session.

When possible the loss or breakage of articles in the laboratories is charged to the student who is responsible; but in some cases it may be divided among a class or group of students if the Vice-President considers such procedure just. The purpose is to make every student a guardian of the property used in the laboratory.

Payments for conditioned examinations must be made invariably before the examinations. Payments for tuition (etc.) must be made quarterly or semi-annually in advance. The account for tuition dates from the day of the student's entrance. No deduction is allowed for absence, except in case of dismissal or protracted illness. The session is divided into semesters, beginning respectively on the opening day of the academic year and the 1st of February.

Outline of College Course

The University reserves the right to refuse to give a course for which there is not a sufficient number of applicants.

Philosophy

Course I.—A. Dialectics.

The Province of Logic, Formal and Material. The Foundations of Logic. The Principles of Contradiction, Identity, Causation, Excluded middle. Simple apprehension; modern errors. Universal ideas. Propositions: their nature and division. Opposition and Conversion. Reasoning. The Syllogism and its Laws. Formal and Material Induction. Fallacies.

B. First Principles of Knowledge. Applied Logic.

The nature of Certitude; kinds and degrees. Truth. Universal skepticism. Cartesian doubt. Criterion of Certitude; Objective Evidence. Trustworthiness of the Senses and Intellectual Powers. Objectivity of Ideas. Belief on Human and Divine Testimony.

Three hours a week. One semester.

Course II.—A. General Metaphysics.

The concept of being. Essence and existence. Possible being. The Positivist school. Transcendentalism. Attributes of being: Unity, Truth, Goodness. Substance and accident. Personality. Quality. Relation. Principle and cause. The principle of causality. Perfection of being. Infinity. Necessity. Order and Beauty.

B. Cosmology.

Creation. Pantheism. General principles. Ancient and Modern Pantheists. Purposes and perfection of the Universe. Laws of Nature. Miracles. Occult Power. Spiritism. Hypnotism. Constitution of bodies. Atomism. Dynamism. Vortex theory. Properties of Matter. Time and space.

Three hours a week. One semester.

Course III.—Psychology.

Life. Vegetative, Animal, Intellectual. Organic bodies essentially different from inorganic. Life. Protoplasm. Vital principle, distinct from physical and chemical forces. Animals sentient, not rational. Instinct. Natural selection. Rational life. Essential difference between sense and reason.

The Soul. A simple, spiritual substance. False theories of the Ego. Monistic theories. Individuality. Unity. Identity of the principle of the vegetative, sentient and rational life in man. Union of soul and body. Occasionalism. Scholastic doctrine. Locus of the soul. Localization of cerebral functions. Time of origin. Origin of the soul. Creationist doctrine. False theories. Neo-Scholastic doctrine. Theory of Evolution.

Origin of Ideas. The intellect and brain. Universal and abstract concepts. Innate ideas. Empiricism, Ontologism, Associationism. The Schoolmen. Doctrine of St. Thomas. Attention. Reflection. The soul's consciousness of itself. Sensation. Perception. Psychophysics. The imagination. Estimative faculty. Sensuous appetite and locomotion. Voluntary, automatic, reflex, impulsive movements. Feeling.

Rational Appetency. The human will. Desire and volition. Spontaneous and deliberate action. Choice. Self-control. Free will and determination. Fatalism. The emotions. Hypnotism.

Three hours a week. One semester.

Course IV. Natural Theology.

The Existence of God. Method of proof. Ontologism. Traditionalism. The "Ontological Proof" of St. Anselm. Metaphysical, Cosmological, Moral arguments. Atheism. Agnosticism; its religious and moral consequences. The Physical and Metaphysical Essence of God. Infinite perfection. Unity of God. Pantheism. Anthropomorphism. Immortality, Eternity and Immensity of God. The Divine Intellect and Knowledge. The Free Will and Omnipotence of God. God creating, preserving, concurring with creatures. Divine Providence.

Three hours a week. One semester.

Course V. Ethics.

General Ethics. Nature, object, necessity of Ethics. Fundamental principles. False theories. The ultimate end of man. Use of the present life. Human acts. Merit and accountability. Virtue and vice. Nature of morality. Standards of morality. Hedonism and Utilitarianism. The moral sense. Determinants of morality. Law. The Eternal Law. The Natural Law; its properties and sanction. Origin of moral obligation. False theories. Conscience.

Three hours a week. One semester.

Course VI. Ethics (Continued)

Special Ethics. Rights and duties. Worship of God. Obligations of accepting Divine Revelation. Rationalism. Indifferentism. Suicide. Self-defense. Homicide; Lying and mental reservation.

Right of ownership. Communism. Socialism. Single Tax. Modes of acquiring property. Contracts. Relations of Capital and Labor. Employers' Unions. Trade Unions. Strikes.

Society in general. The family. Divine institution, unity and indissolubility of marriage. Parental authority. Education. Civil society; its nature, end and origin. False theories. Forms of civil government. Citizenship. Universal suffrage. Functions of civil government; legislative, judiciary, executive. Taxation. Death penalty. Freedom of worship. Freedom of the press.

International law. Foundations of international law. Mutual relations of nations. Right of commerce. Intervention. Rights of neutrals. War and arbitration.

Three hours a week. One semester.

Course VII. General Economics.

Production. Increasing and diminishing returns. The Advantages and Drawbacks of Industrial Organization. Locality and Dimensions of Industry. Consumption. Markets and Prices. Differential Gains. International Trade.

Three hours a week. One semester.

Course VIII. General Economics (Continued)

Money and Coinage. Credit and Banking. Foreign Exchange. Profits: interest and wages. Mistaken Theories on Riches. Trade Unions. Employers' Liability. Taxation. This Course gives a general view of the whole field of Economics.

Three hours a week. One semester.

Text-Books and References. Clarke, Maher, Rickaby, Boedder, S. J. (Stonyhurst Series); Russo, Jouin, Hill, Coppins, Liberatore, Poland, Gruender, Lahousse, Harper, Devas' Political Economy, Thein's Christian Anthropology, Cathrein.

Latin

NOTE.—The courses in Latin, Greek and English are, for greater educative effect, made parallel as much as possible. The theory of the different forms of literature is presented in the English courses, and the classic masterpieces studied in the Latin and Greek course furnish illustrative material to enforce the precepts and for comparative work. Poetry, with its various forms, is the subject of Freshman year; Oratory, of Sophomore; the Drama, of Junior; the Critical and Philosophical essay, of Senior.

Course I. Latin.

Precepts: A thorough review of Latin Prosody and versification.

Authors: Horace, "Ars Poetica"; Virgil, "Aeneid," Books III, V and VI.

Four hours a week. One semester.

Course II. Latin. Livy, Book XXI and XXII.

Sight-Reading: Selections from Christian Hymnology; Livy.

Four hours a week. One semester.

Practice: Thorough review of grammatical forms. Practical Course in Latin Composition. Two themes a week. A theme in imitation of the prose authors studied, about every fortnight.

Memory: From the authors read in class.

Course III. Latin.

Authors: Cicero, Pro Milone; Horace, Select Odes.

Four hours a week. One semester.

Course IV. Latin. Horace, Epodes, Epistles and Satires; Tacitus, Agricola.

Sight-Reading: Selections from the authors assigned above. Tacitus, Germania or Annals. Selections from the Latin Fathers.

Four hours a week. One semester.

Practice: BOTH SEMESTERS. Comparative Study in Latin and English idioms. Kleist's Practical Course in Latin Composition, supplemented by Aids to Latin Composition. Two themes a week. Off-hand translation from English into Latin.

Memory: Select passages from the authors read.

Course V. Latin.

Authors: Cicero, Quaestiones Tusculanae; Plautus, Duo Captivi.

Three hours a week. One semester.

Course VI. Latin.

Cicero, Quaestiones, Tusculanae, continued; Somnium Scipionis; Pliny, Letters; Juvenal, Selections; Selections from the Latin Fathers.

Three hours a week. One semester.

History of Latin Literature (Mackail, for reference): both semesters.

Practice: Original Essays in Latin. Sargent's Materials and Models for Latin Prose Composition.

Greek*

Course I. Greek.

Precepts: The Syntax of the verb repeated; general rules of quantity; the Homeric Dialect; a brief sketch of Greek Epic and Lyric Poetry.

Authors: Homer, Iliad, Books II-VI.

Four hours a week. One semester.

*See note on page 257.

Course II. Greek. Plato, Apology and Crito.

Sight-Reading: The New Testament or selections from the authors read in class.

Four hours a week. One semester.

Practice: BOTH SEMESTERS. A written theme once a week, based on the authors studied and illustrating the syntax of Attic Greek. Frequent written reviews done in class.

Course III. Greek.

Authors: Demosthenes, Philippic I or III; analysis of Philippic I or III; selections from "On the Crown."

Four hours a week. One semester.

Course IV. Greek.

Selections from Demosthenes On the Crown, with detailed analysis. Sophocles, Antigone, Oedipus Tyrannus or Oedipus Coloneus.

Sight-Reading: The New Testament or St. Chrysostom, Eutropius, or St. Basil.

Four hours a week. One Semester.

Practice. BOTH SEMESTERS. Easy themes built on sentences in the text, once a week. Frequent written reviews.

Courses V and VI. Greek.

Authors: Plato, Phaedo—analysis; Keep's Stories from Herodotus; Aeschylus, Prometheus Bound or Agamemnon.

Three hours a week. Two Semesters.

English

Course I—Rhetoric and Composition.—A thorough repetition of the principles of writing given as an essential preparation for work in College English. Short daily themes and longer weekly themes. Exposition and narration are chiefly stressed.

Course II—Advanced Rhetoric and Composition.—For those who have satisfactorily finished Course I or whose work is of a standard sufficient to warrant omitting Course I. Gathering, arrangement and development of material;

the principles of style. Longer themes are assigned to encourage originality and personal research.

Course III—The Short Story.—The technique, history and types of the short story. Besides the intensive study of great short stories, American and foreign, the work includes weekly or semi-weekly stories written by the student.

Course IV—The English Novel.—The technique, history and criticism of the English novel. Two of the great novels are studied intensively in class, and assignments are given for extra-class reading. Written work consists in critical studies in the novels read in and out of class.

Course V—The Oration.—The technique and history of Oratory, with stress laid on the principles of argumentation. Famous orations are read intensively in class, and a long assignment in some celebrated orator is given for private study and research. The course includes practice in written argumentation, in speech construction, and in public speaking.

Course VI—The English Drama.—From the beginnings through Shakespeare. The principles of the drama studied with reference to the classical drama; the history of the drama with characteristic examples. Famous plays are studied in class, and outside assignments are made for private study. The written work consists in practice in the dialogue form, in simple one-act plays, in the beginnings of play construction, and in critical essays on the authors studied.

Course VII—The English Drama.—From Shakespeare to Modern Times. The principles of modern drama construction, a history of the development of modern drama, and a study of recent dramatic schools and authors. Representative plays are studied in and out of class. Written work consists in criticism of plays read and seen and in short plays on original themes written by the student.

Course VIII—English Lyrical Poetry.—The principles and history of lyrical poetry studied chiefly from the Eng-

lish lyrical masterpieces. Written work is made up of frequent short poems on original and suggested themes and of critical essays on the poems studied.

Course IX—Narrative Poetry.—The English ballads, the Epic. Critical essays and short narrative poems are the assigned written work.

Course X—The Formal Essay.—For advanced students only. A study of the structure, development, content of great historical, critical, and philosophical essays. Weekly themes on kindred subjects are assigned.

Course XI—The Informal Essay.—A study of the famous informal essays and essayists. Stress is laid on the light essay as written today. The written work is assigned.

Course XII—The History of English Literature.—From the Earliest Times to the Restoration. An historical survey of the field of English literature with rapid reading in important authors. Written work consists in a critical study of the authors and their periods.

Course XIII—The History of English Literature—From the Restoration to the Present Time. A continuation of Course XII.

Course XIV—Literary Aesthetics.—The study of the principles of criticism and literary appreciation.

Practical Oratory and Debating

Courses I and II.

The object of the course is to train students to readiness and fluency in public speaking. To this end it is conducted according to strict parliamentary practice. The literary and oratorical exercises are always under the direct supervision of a member of the Faculty. They are as follows:

Declamation and Elocutionary Reading. Criticism and discussion of interpretation and delivery. Composition and reading of stories, poems and essays, historical, critical, or personal. Set orations illustrative of the precepts for oratorical composition. Extempore speaking. The theory and practice of parliamentary law. Debates.

Two hours a week. Two Semesters.

Evidences of Religion

Course I. Evidences of Religion.

The Church as a means of salvation. The last things. The Christian's duties towards God. Faith, Hope and Charity.

Two hours a week. One Semester.

Course II.

The virtue of religion. Direct act of religion; indirect acts. Veneration of Saints, etc. The Christian's duties towards himself and his neighbor. Christian Perfection.

Two hours a week. One Semester.

Course III.

Grace; actual, habitual, sanctifying. The Sacraments in general. Baptism. Confirmation.

Two hours a week. One Semester.

Course IV.

The Blessed Eucharist as a Sacrament and as a Sacrifice. The Sacrament of Penance. Extreme Unction. Holy Orders. Matrimony.

Two hours a week. One Semester.

Course V.

Creation: The spiritual world; the material world. Man and the Fall. God the Redeemer; the person and nature of the Redeemer; the work of the Redemption.

Two hours a week. One Semester.

Course VI.

Christianity, a revealed religion. Revelation in general. Pre-Christian revelation. The Christian revelation. The Church; its Institution and End.

Two hours a week. One Semester.

Course VII.

The Basis of Morality. Law. Conscience. Free Will. Moral good and moral evil. The Constitution of the Church. Marks of the Church.

Two hours a week. One Semester.

Course VIII.

Teaching Office of the Church. Holy Scripture. Tradition. The Rule of Faith. The Existence of God. Nature and Attributes of God. Unity of God. The Trinity.

Two hours a week. One Semester.

TEXT: Wilmers for all courses in Evidences of Religion.

History**Course I.**

Outline survey of European History from the birth of Christ to the Ottoman Conquest of Constantinople. Text book: Guggenberger. Lectures; assigned readings and maps to be outlined; written tests.

Three hours a week. One semester.

Course II.

General World History from the Fall of Constantinople to the present time. Continuation in matter and manner of Course I. These two courses are introductory and obligatory on students who are to take other courses in history and for all candidates for the A. B. degree.

Three hours a week. One semester.

Course III.

Roman History from Diocletian to Irene; Old Rome and New Rome. Constant comparison of authors; study of the contemporary writers; special investigations; written and oral reports. Course obligatory for candidates for B. A. degree.

Three hours a week. One semester.

Course IV.

Period of the Crusades; Eastern and Western Europe. Continuation of Course III in manner and matter.

Course V.

Domestic life of Medieval Europe; lectures and illustrations.

One hour a week. One Semester.

Course VI.

Same as Course I in the Divinity Department.

Two hours a week. One Semester.

Course VII.

Same as Course II in the Divinity Department.

Two hours a week. One Semester.

Course VIII. Research Work.

Reading of Contemporary Authors, mostly in original texts; Numismatics; Epigraphy.

Two hours a week. Two Semesters.

Course IX. History.

History of Philosophy.

One hour a week. Both Semesters.

Mathematics**SECTION I.**

Course I. MATHEMATICS. College Algebra (Haw's).

Four hours a week. One Semester.

Course II. MATHEMATICS. Trigonometry.

Four hours a week. One Semester.

Course III. MATHEMATICS. Analytical Geometry.

Four hours a week. One semester.

Course IV. MATHEMATICS. Calculus (course begun.)

Three hours a week. One semester.

Course V. MATHEMATICS. Calculus (course continued and finished.)

Three hours a week. One Semester.

SECTION II.**For Advanced and Graduate Students**

Courses VI, VII, VIII. Brief courses. See page 231.

Course IX. COLLEGE ALGEBRA. Four hours a week: one semester. **ANALYTIC GEOMETRY**, plane and solid. Four hours a week: one semester.

Course X. DIFFERENTIAL and INTEGRAL CALCULUS, with applications. Four hours a week: two semesters.

Course XI. DIFFERENTIAL EQUATIONS. Four hours a week: two semesters.

Chemistry

Course I. GENERAL CHEMISTRY. A course of experimental lectures, recitations and problems combined with laboratory work. The purpose of this course is to acquaint the student with the fundamental principles of the science and their application to inorganic and organic compounds. It meets the demands of a liberal education, and lays the foundation for more advanced work. The laboratory work of the second semester includes a brief course in qualitative analysis.

I. A. Lectures, two hours a week. Both semesters.

I. B. Laboratory, four hours a week. Both semesters.

TEXT: McPherson and Henderson. Course in College Chemistry.

Course II. QUALITATIVE ANALYSIS. Six hours a week. One semester. Prerequisite: Course I.

Course III. QUANTITATIVE ANALYSIS. Lectures and laboratory, eight hours a week. One semester. Prerequisite: Courses I and II.

Course IV. A COMBINED COURSE IN INORGANIC CHEMISTRY AND ANALYTIC CHEMISTRY, covering compendiously and necessarily with less thoroughness the essential matter of Courses I, II and III. For those who are not taking Chemistry as a major subject.

IV. A. Lectures, two hours a week. Both semesters.

IV. B. Laboratory, four hours a week. Both semesters.

Course V. ORGANIC CHEMISTRY... Prerequisite Courses I and II, or Course IV.

V. A. Lectures, two hours a week. One semester.

V. B. Laboratory, four hours a week. One semester.

Course VI. PHYSICAL CHEMISTRY.

VI. A. Lectures, two hours a week, dealing with the general principles of the subject, with the properties of matter and its phase and energy relations.

VI. B. Laboratory, four hours a week. Measurement of densities of gases and liquids, of boiling points and freezing points: work with spectrometer, polarimeter, refractometer, and various physico-chemical apparatus. Prerequisite: Physics I, and Chemistry I.

Physics

A course of lectures, demonstrations and recitations covering the fundamental principles of Physics.

Course I. Physics.

GENERAL PHYSICS: Mechancis, Heat and Sound. Lectures: Three hours a week; Laboratory: four hours a week. First semester.

Course II. Physics.

GENERAL PHYSICS: Light, Electricity and Magnetism. Lectures: Three hours a week; Laboratory: four hours a week. Second semester.

Course III. Physics.

GENERAL PHYSICS: A Continuation of Course I, involving a more extended development of the principles of Physics, the derivation and interpretation of formulas and their application to physical problems. Special attention is paid to Mechanics, Heat and Electricity. Lectures: Three hours a week; Laboratory: six hours a week. Both semesters.

Course IV. Physics.

GENERAL PHYSICS: A combined lecture and laboratory course on a par with Courses I, II and III. Ten hours a week. Both semesters.

Course V. See page 231.

Course VI. Physics.

An advanced lecture course in Theoretical Mechanics, Optics, Molecular Physics and Thermodynamics. Five hours a week. Two semesters. Prerequisite: Course II or V and Calculus.

Course VII. EXPERIMENTAL PHYSICS. A course for advanced students, including lectures on the theory of physical measurements and measuring instruments, with special attention to the computation of results and the discussion of precision. The laboratory work involves accurate measurements in Mechanics, Light, Molecular Physics and Heat. Ten hours a week. Two semesters. Prerequisite: Course VI.

Course VIII. A continuation of Course VI, repeating the lectures on Mechanics, and continuing with Electricity and

Magnetism, Electrodynamics, Radio-activity, Acoustics, and Hydrodynamics. Five hours a week. Two semesters. Prerequisite: Course II or V and Calculus.

Course IX. EXPERIMENTAL PHYSICS. A continuation of Course VII. Laboratory work principally in Electricity and Magnetism, including electrostatic and electromagnetic measurements. A practical study of the properties of direct and alternating currents, and of the principles underlying the construction of dynamo-electric machinery: calibration of electrical measuring instruments: electrolysis, etc. Ten hours a week. Two semesters. Prerequisite: Course VIII.

Physical Laboratories

Through the generosity of benefactors the University has been enabled to make changes which provide 5,000 square feet additional space for laboratory and lecture-room purposes. There are now four large laboratories for physics alone, two for the college and pre-medical courses, one for advanced courses and one for private work. A large amount of apparatus for demonstration and laboratory purposes has lately been procured. Even in the laboratories for elementary work this is of high grade and such as to secure quick and accurate results; while that for advanced work has been so chosen as to give the highest degree of accuracy and a wide range of applicability.

A room has been set aside for the study of X-ray and vacuum discharge phenomena and of high tension electrical discharges. The fullest and freest facilities for advanced laboratory work are afforded to all students able and willing to use them.

Geology

Course I. DYNAMICAL GEOLOGY.—Winds, Weathering, Rivers, Glaciers, Lakes, The Oceans, Volcanoes, Earthquakes.

STRUCTURAL GEOLOGY.—Rock-forming Minerals, Composition and Structure of Rocks. Physiographic Structure.

Four hours a week. One Semester.

Course II. HISTORICAL GEOLOGY.—Archaean, Paleozoic, Mesozoic, Cenozoic and Psychozoic Eras.

Four hours a week. One Semester.

Surveying.

Course I. Use, adjustment and care of instruments. Measurement of lines, bearings and angles. Compass methods. Traverse with transit and chain or tape. Stadia methods. Leveling and profile work. Elementary topographic methods. Computations and plotting or mapping of data. Prerequisite: Mathematics II.

Text: Breed and Hosmer, Elementary Surveying.

Three hours a week. Two semesters.

Course II. Triangulation, and astronomical observations for azimuth, latitude and time. Precise leveling. Trigonometric and barometric leveling. Topographic surveying with stadia and plane table. Photographic surveying. Hydrographic surveying. Map projections and map construction. Prerequisite: Surveying I.

Text: Breed and Hosmer, Higher Surveying.

Four hours a week. Two semesters.

Course III. A brief elementary course in Military Map Reading, Surveying and Sketching.

Text: Sherill's Military Topography.

Navigation.

The compass and compass error. Piloting. Plane, traverse, parallel, Mercator, and great circle sailings. Dead reckoning. Nautical astronomy. Time and the Nautical Almanac. Latitude, longitude and azimuth determinations. Lines of position and the practice of navigation. Weather, tides and currents. Prerequisite: Mathematics II.

Text: Bowditch's American Practical Navigator.

Four hours a week. Two semesters.

Astronomy

Course I. The Doctrine of the Sphere. The Earth, Moon, Sun, Eclipses. Celestial Mechanics. The Planets and Asteroids. Comets and Meteors. The Stars. Uranography.

Practice: Use of the Transit Circle and of the Equatorial. Use of the Ephemeris. Calculation of Eclipses. Use of the Spectroscope.

Text: Young's General Astronomy.

Four hours a week. One Semester.

Biology

Course I and II. GENERAL BIOLOGY. Two lectures and three laboratory hours a week. Two semesters.

Course III. GENERAL PHYSIOLOGY. Two lectures and three laboratory hours a week. One semester.

Drawing

Courses I and II. FREE-HAND and MECHANICAL DRAWING. Four hours a week. Two semesters.

Courses III and IV. DESCRIPTIVE GEOMETRY. Four hours a week: two semesters. Prerequisite: Trigonometry and Drawing I.

Courses Leading to Engineering, Medicine and Teaching

Aside from the educational value of mathematics and the sciences, the University, in offering courses in these subjects, has in view the fitting of young men for professional studies in the various branches of engineering, in medicine, and in teaching. Nothing helps so much to rapid advancement in the profession as full intellectual development and general preparedness before entering upon strictly technical studies.

Course IV in physics, I, II and III in chemistry, I and II in biology, together with other courses from the general curriculum, enable students preparing for medicine to meet the advanced requirements for entrance into medical schools.

Courses I to VIII in physics, I to VI in chemistry, I to XI in mathematics, I to IV in drawing, and I to II in biology furnish pre-engineering students with credits covering the theoretical portion of the first two years of all kinds of engineering in most professional schools.

Students aspiring to the position of teachers of science or mathematics in High Schools will have abundant preparation by pursuing the above-mentioned courses. Instruction will be given on methods of teaching these subjects.

Finally, a lesser degree of preparation will enable apt students to secure positions as laboratory assistants in professional schools, thereby reducing the cost of their technical training.

SEMINAR.—At stated periods the members of the advanced science courses will meet to discuss, under the direction of the professors, current scientific topics of interest and importance. The subjects for discussion will be treated in their historical, theoretical and practical bearings, with the object of bringing the student into close touch with the problems and achievements of modern science and industry.

Education

The University is empowered by the State Superintendent of Public Schools to grant without further examination to graduates of the A. B. Course who have completed the required courses in Education and Psychology a Teacher's Certificate valid for five years; which, before the expiration of that period, may become a Life Certificate on presentation to the State Superintendent of testimonials of successful teaching during sixteen months of the three-year time. A minimum of 20 semester hours is required, six of which must be given to Psychology, three each to Practice Teaching, and to the Methods or Principles of Education; the remainder may be elected from the other courses outlined below.

I. Psychology, General.

Rational and empirical psychology. (See under Philosophy, page 255.)

Three hours.

II. Psychology, Educational.

Facts and principles of psychology as they bear on the problems of the class room: physical growth, mental development, instinct, heredity, memory, nerves, attention, fatigue, individuality, abnormality, etc.

Three hours.

III. Paidology.

Physiology and psychology of childhood and adolescence in their application to educational management.

Three hours.

IV. History of Education.

Primitive, oriental, Greek, Roman, Byzantine, Medieval education; theories, methods and ideals.

Three hours.

V. History of Education.

Modern Education: The Renaissance, sequence of modern educational leaders, movements, tendencies, in the modern states of Europe and America.

Three hours.

VI. Principles of Education.

The physiological, economic, social, political, moral and religious aspects of education. Lectures, discussions, assigned readings, reports.

Three hours.

VII. Practice Teaching.

Ample opportunity is afforded students who are admitted to these courses to practice under proper guidance in the University Academy, and the adjacent public and parochial schools.

Three hours.

VIII. Methods of Education.

Educational procedure in general, theory and practice. Classroom management. A detailed study of the methods of recitation. Lectures, assigned readings, discussions.

Three hours.

IX. Secondary Education.

Study of the development of the various types of secondary schools; particularly those of today in the United States, with special attention to the purpose and value of each subject, and to the methods of teaching each.

Three hours.

X. School Organization.

Primary and High School organization; problems of grading; administration; courses, their groupings; promotion; school records.

Three hours.

Modern Languages.

French

Courses I and II.

French Grammar. The main object of this course is to help the student to acquire a vocabulary and prepare him for the reading of French prose. Frequent exercises involving the use of the more common French idioms. Conversational exercises based on the selections translated in the class-room.

Four hours a week. Two Semesters.

Courses III and IV.

Brief repetition of the work of the first year. Syntax. Reading of the more difficult selections. Original Composition.

Four hours a week. Two Semesters.

Courses V and VI.

Readings from the various periods of French literature. Lectures on contemporary writers. The short story in modern French literature. The elements of Romance philology.

Three hours a week. Two Semesters

Spanish

Courses I and II.

Drill in pronunciation; elementary grammar. Translation of easy Spanish sentences. Conversation and written themes based on text translated.

Four hours a week. Two Semesters.

Courses III and IV.

Grammar continued. Translation of short, easy Spanish stories. Conversation and written themes.

Four hours a week. Two Semesters.

Courses V and VI.

Selections from classical Spanish authors. Conversation and written themes.

Three hours a week. Two Semesters.

German

Courses I and II.

The elements of German Grammar. Translation of easy sentences from English into German. Conversational exercises based on the selections given in the text-book.

Four hours a week. Two Semesters.

Courses III and IV.

Reading of more difficult selections. Conversational exercises based on the selections read. Reproduction of short selections by the student.

Four hours a week. Two Semesters.

Elocution

Course I.

Vocal Culture and Gesture Drill of preceding year reviewed and perfected. Analysis of the passions; interpretation and delivery. Concert Drill.

One hour a week. Two Semesters.

Course II.

Interpretation and rendition of oratorical and poetical selections. Character study and interpretation.

One hour a week. Two Semesters.

Course III.

Theory and Practice. Interpretation and rendition of various species of dramatic selections; Tragedy, Comedy, etc. Dialogues and Scenes. Descriptive and Narrative Readings.

One hour a week. Two Semesters.

Course IV.

Theory and Practice. Mutual criticism of interpretation and delivery. Discussion. Dramatic and Bible Readings. Extempore Speaking.

One hour a week. One Semester.

N. B.—Much private instruction is given in preparation for public and private contests and for dramatic performances.

Vocal Music

Membership in the Glee Club will be open to those students who possess the required qualities of voice and who can be taught to read music of moderate difficulty.

Instrumental Music

Membership in the Orchestra is open to those who have sufficiently mastered the technic of some orchestral instrument.

Geophysical Observatory

Seismological and Meteorological Divisions

DIRECTOR: J. B. GOESSE, S. J.

Seismology and Meteorology with their kindred branches offer vast fields for scientific research. Jesuit institutions like those Manila, Zikawei, Havana, and Ebro-Tortosa, have earned world-wide recognition for their work in geophysical problems. St. Louis University is trying to emulate their example.

Extension Course

FOR THE TEACHING SISTERHOODS

of St. Louis and Vicinity.

Beginning on October 4th, the University opened an Extension Course, holding sessions each Saturday afternoon, for the Teaching Sisterhoods of St. Louis and vicinity. The session will continue until Saturday, May 22nd.

Location: To make the classes more easily accessible, they are held at the Sacred Heart Academy, Maryville, Meramec street, and at the Visitation Academy, Cabanne place, with the exception of the Physics Class, which is held at the University, Grand and Pine, to afford ample Laboratory Practice.

Credits: Each course will give those who successfully complete it two (2) hours' credit toward a degree. Physics, Lecture and Laboratory will give four (4) hours' credit.

Fees: The charge of five dollars is made for each course taken by each student. The charge for the Physics Course, Lecture and Laboratory is ten dollars.

Courses and Faculty.

I. At the Sacred Heart (Maryville) Academy, Meramec St.

- Course 1. The Elements of the Philosophy of Education.....1:30
Rev. Joseph A. Murphy, S. J.
- Course 2. Fiction and the Short Story.....2:30
Mr. Daniel A. Lord, S. J.
- Course 3. Cicero's Pro Lege Manilia and Pro Archia, Poeta....3:45
Rev. Otto J. Kuhnmuensch, S. J.

II. At the Visitation Academy, Cabanne Place.

- Course 1. Principles of Education.....1:30
Rev. William H. Agnew, S. J.

Course 2. Comparative Literature2:30
Rev. Albert Muntsch, S. J.

Course 3. Cicero's Pro Lege Manilia and Pro Archia, Poeta....3:45
Rev. William I. Bundschuh, S. J.

III. At St. Louis University, College of Science, Grand and Pine.

Course 1. Physics: Mechanics and Heat—Lecture.....1:45
Laboratory2:45
Mr. Charles P. Miller, S. J.

A similar course, differing from the preceding only in that Mathematics was substituted for the Educational Philosophy, is conducted for the benefit of the Sisters of the Precious Blood, by Professor **Carlos M. Sandoval, A. B.**, at the St. Elizabeth's Institute, Arsenal street.

Sisters in Attendance

Sisters of the Blessed Virgin Mary

Sr. Mary Augustina
Sr. Mary Azraela
Sr. Mary Celina

Sr. Mary Myra
Sr. Mary Thoma

Sisters of Charity

Sr. Angela
Sr. Catherine

Sr. Isabella
Sr. Mary

Sisters of St. Dominic

Sr. M. Alfred
Sr. M. Alphonsus
Sr. M. Anastasia
Sr. M. Angelica
Sr. M. Aquin
Sr. M. Austen
Sr. M. Benigna
Sr. M. Colette
Sr. M. Concilia
Sr. M. Elizabeth

Sr. M. Frances
Sr. M. Felix
Sr. M. Gabriel
Sr. M. George
Sr. M. Hubert
Sr. M. Joselita
Sr. M. Justin
Sr. M. Rosalie
Sr. M. Veronica

Sisters of St. Francis

Sr. M. Blanche
Sr. M. Fortunata

Sr. M. Pius
Sr. M. Theodore

Sisters of St. Joseph

Sr. Alphonse Marie Tickler	Sr. M. James Stanislaus Creane
Sr. M. Anna Loretto	Sr. M. Lucilla Joseph
Sr. M. Anna Teresa	Sr. M. Ludgera
Sr. M. Dominica Rupp	Sr. Margaret Mary Brady
Sr. M. Bona	Sr. Mary Ann
Sr. M. Dominic Parent	Sr. M. Pachomia Lackay
Sr. M. Edmund Gahagan	Sr. M. Patricia
Sr. M. Elizabeth Amend	Sr. M. Philomena
Sr. M. Estella McGeoghegan	Sr. M. Roberta Byrne
Sr. M. Esther	Sr. M. Rose Edward Dailey
Sr. M. Georgiana Evans	Sr. M. Seraphine
Sr. M. Gertrude Tracey	Sr. M. Severina
Sr. M. Grace Aurelia Flanagan	Sr. M. Tarcisia Finn
Sr. M. Helen	Sr. M. Teresa Mary
Sr. M. Helen Marie	Sr. M. Thomasine Colbert
Sr. M. Helene Irene Darley	Sr. M. Vera Smith
Sr. M. Hortense McLaughlin	

Sisters of Loretto

Sr. Alvanita Cecil	Sr. M. Fidelia Cashen
Sr. Ann Frances McArdle	Sr. M. Joan Marie Rapi�r
Sr. M. Borgia	Sr. Marie Clyde Murphy
Sr. M. Constance	Sr. M. Martha
Sr. Mary Dolores	Sr. Mary Miriam
Sr. M. Eunice Tragesser	Sr. Marguerite Marie Donnelly
Sr. Frances Marie Walsh	

Sisters of the Most Precious Blood

Sr. M. Charlotte	Sr. M. Theophila Kohnen
Sr. M. Dominica Grawe	Sr. M. Innocentia Klein
Sr. M. Prudentia Conrad	Sr. M. Tarcisia Oeligschlaeger
Sr. M. Laetitia Kelly	Sr. M. Soldan Maas

Sisters of Notre Dame

Sr. M. Aquina	Sr. M. Evangelista
Sr. M. Aquinas	Sr. M. Henrica
Sr. M. Assumpta	Sr. M. Henrica Haffner
Sr. M. Benedette	Sr. M. J. deDeo
Sr. M. Catherine Michalowski	Sr. M. Jolindis Bachman
Sr. M. Charles Knetzger	Sr. M. Josephine Hummert
Sr. Mary Clara	Sr. M. Juliana
Sr. M. Clarita	Sr. M. Leontine
Sr. M. Consilia Boulanger	Sr. M. Odilia
Sr. M. Devota	Sr. M. Paschaline Brown
Sr. M. Dominic	Sr. M. Patrice
Sr. M. Edith Frappier	Sr. M. Pierre Kimmich
Sr. M. Edwardine	Sr. M. Pietro
Sr. M. Eleanor	Sr. M. Reinilla Dames
Sr. M. Eugenia	Sr. M. Remigia Turgeon
Sr. M. Evangela	Sr. M. Rita

Sr. M. Teresa	Miss Mary E. Bowen
Sr. M. Theodosia	Miss Agnes Lamers
Sr. M. Theophana	Miss Edith Litton
Sr. M. Thomas	Miss Gertrude Meyer
Sr. M. Winifred	Miss Bernardine Witte

Madames of the Sacred Heart

Mme. Anne Louise Calla	Mme. Henrietta McKelly
Mme. Gertrude Caraher	Mme. Ella Matthews
Mme. Mary Gannan	Mme. Mary Nolan
Mme. Mary Gilmore	Mme. Gertrude Padberg
Mme. Marie Kernaghan	Mme. Cora Shaw

Sisters of the Visitation

Sr. M. Lucia Bolger	Sr. Anne Marie Markoe
Sr. M. Aurelia Collyer	Sr. M. Joseph Markoe
Sr. M. Claude Agnes Dean	Sr. M. Emmanuel Partridge
Sr. M. Vincentia Hall	Sr. M. Bernardine Rice
Sr. M. Alphonsa Hanna	Sr. M. Lawrence Rily
Sr. M. Jane Francis Hawk	Sr. M. Perpetua Scurlock
Sr. M. Gabriel Kane	Sr. M. Borgia Shay
Sr. M. Aloysia Mannheim	Sr. M. Francis Joseph Young

Ursuline Sisters

Sr. M. Agatha Farley	Sr. M. Ignatia
Sr. M. Beatrice	Sr. M. Rita Portuondo
Sr. M. Borgia	Sr. M. Marie Dooling
Sr. M. Clotilde McGinnis	Sr. M. Miriam
Sr. M. Euphrosine	

Others in Attendance

Miss Miriam Benoist	Miss Dorothy R. Ring
Mrs. J. L. Hornsby	Miss Ruth Warren
Miss Ethel Nast	

College of Arts and Sciences

Summer Session, 1919.

FOR TEACHING SISTERHOODS.

Officers and Faculty

Rev. Bernard J. Otting, S. J..... President

Rev. Matthew McMenamy, S. J.... Dean

Rev. Charles T. Hoffman, S. J..... Treasurer

Rev. Patrick J. Phillips, S. J..... Registrar

Rev. Henry J. Erbacher, S. J..... Professor of English

Rev. Otto J. Kuhnmuensch, S. J..... Professor of Latin

Rev. Henry A. Hermans, S. J..... Professor of Mathematics

Rev. James B. Macelwane, S. J.... Professor of Physics

Rev. William A. Padberg, S. J..... Professor of Psychology

Rev. William J. Ryan, S. J..... Professor of Mathematics

Rev. Thomas F. Wallace, S. J..... Professor of Ethics

Time. The classes opened Monday, June 30th, and continued until August 8th. Lectures were given each morning from eight until twelve o'clock, Saturdays and Sundays excepted. Four periods of fifty minutes each. Credits given for work done.

Location. Because of its central location, the classes were held at the Academy of the Sacred Heart, Taylor and Maryland avenues.

Fees. A tuition fee of fifteen dollars (\$15.00) was charged for the full course or any part of it.

COURSES OF STUDIES.

Latin:

COLLEGE—A practical course in Latin composition, arranged for Freshman class.

Texts: Kleist's "Aid to Latin Composition."

Kleist's Practical Course in Latin Composition.

These will be supplemented by selections from Cicero and Livy (*passim*). 9-10 a. m.

HIGH SCHOOL—A practical course in Latin composition, arranged for Third and Fourth Year of the High School Latin Course. The special subject to be treated may briefly be stated as "The Latin Subordinate Clause."

Texts: Bennett's New Latin Composition.

This will be supplemented by numerous exercises specially composed for the Course. 8-9 a. m.

English:

A practical review of the fundamentals of English writing.

Text: Greever and Jones—The Century Handbook of Writing.

A study of the species of writing with analysis and imitation of models.

Text: Garraghan—Prose Types in Newman, 10-11 a. m.

Mathematics:

TRIGONOMETRY—Plane.

Text: Wentworth-Smith—Plane Trigonometry, with Tables.

Prerequisite: One year of Plane Geometry. 11-12 a. m.

GEOMETRY.

Text: Wentworth-Smith—Geometry.

Prerequisite: One year of Algebra. 11-12 a. m.

Philosophy:

PSYCHOLOGY—The main subject of this course will be the human soul—its properties, functions and faculties. The fundamental theses of Logic, Epistemology and Minor Psychology will be briefly reviewed. Coppens' "Logic and Mental Philosophy" will serve as text-book and Maher's Psychology as general reference. 8-9 a. m.

ETHICS—Ethics defined. The human act. The supreme purpose of man's existence. Law—eternal, natural, positive. The morality of the human act. The norm and criterion of morality. The determinants of morality. Conscience. Right and duty defined. 11-12 a. m.

Physics:

A course in the fundamental principles of mechanics, molecular physics, wave motion and sound, magnetism and electricity, wireless telegraphy, X-rays and radioactivity.

Lectures, five hours per week. Laboratory to suit the needs of the students.

Text: Carhart's College Physics. 10-11 a. m.

The Sisters in attendance at the Summer Session were:

Sisters of St. Joseph

Sr. M. Carmelita, St. Louis, Mo.	Sr. Anne Catherine McDonald,
Sr. James Stanislaus Creane,	St. Louis, Mo.
St. Louis, Mo.	Sr. M. Dominic Parent,
Sr. Grace Aurilla Flanagan,	St. Louis, Mo.
St. Louis, Mo.	Sr. Mary Vera, St. Louis, Mo.
Sr. M. Edmund Gahagan,	St. Louis, Mo.
Sr. M. Pachamia Laskey,	Sr. M. Philomena Shea,
St. Louis, Mo.	St. Louis, Mo.

Sisters of Loretto

Sr. M. Aloysius Adams,	Sr. M. Ann Gibbons,
Santa Fe, New Mexico	Montgomery, Ala.
Sr. Mary Angela,	Sr. M. Columbia Higgins,
Cape Girardeau, Mo.	Webster Groves, Mo.
Sr. M. Edward Ashe,	Sr. M. Celestinita Howard,
Webster Groves, Mo.	Cape Girardeau, Mo.
Sr. M. Matilda Barrett,	Sr. M. Leo Kirk,
Louisville, Ky.	Nerinx P. O., Ky.
Sr. M. Bernadita Baukman,	Sr. M. Ligouri, Sterling, Ill.
El Paso, Texas	Sr. M. Ann Frances McArdle,
Sr. Bernard Marie Bechtenwald,	Webster Groves, Mo.
St. John, Ky.	Sr. M. Urban McFarland,
Sr. M. Ricarda Blincoe,	Kankakee, Ill.
Santa Fe, New Mexico	Sr. M. Philip McGuire,
Sr. M. Marinus Brennan,	St. John, Ky.
Rockford, Ill.	Sr. M. Remigia Mackle,
Sr. M. Adela Brocktrup,	St. John, Ky.
Kankakee, Ill.	Sr. Ann Mariata Maley,
Sr. M. Leopold Burka,	Webster Groves, Mo.
Edina, Mo.	Sr. M. Gregory Maloney,
Sr. M. Fidelis Cashen,	Webster Groves, Mo.
St. Louis, Mo.	Sr. Marguerite Marie,
Sr. Adalbert Conway,	Sterling, Ill.
Rockford, Ill.	Sr. M. Miniata Scott,
Sr. M. Constance Costello,	St. Louis, Mo.
St. Louis, Mo.	Sr. M. Sabina Morris,
Sr. M. Redempta Dwyer,	Edina, Mo.
Kankakee, Ill.	Sr. M. Clyde Murphy,
Sr. M. Aloyse Ellington,	Webster Groves, Mo.
Webster Groves, Mo.	Sr. M. Irmina Noonan,
Sr. M. Edmund English,	St. Louis, Mo.
El Paso, Texas	Sr. M. Olivia, Toronto, Ohio
Sr. M. Eustachia	Sr. M. Martha Redmond,
Sr. M. Bridget Fern,	St. Louis, Mo.
St. Louis, Mo.	Sr. M. Regina,
Sr. Fides, Sterling, Ill.	Montgomery, Ala.
Sr. M. Germaine, Sterling, Ill.	

Sr. M. Amadeus Riley, Rockford, Ill.	Sr. M. Eunice Tragesser, St. Louis, Mo.
Sr. M. Casilda Rogers, Rockford, Ill.	Sr. Frances Marie Walsh, Webster Groves, Mo.
Sr. M. Elvira Rogers	Sr. M. Louise Wise, Webster Groves, Mo.
Sr. M. Olympia Scott, St. Louis, Mo.	Sr. M. Zilda, St. Louis, Mo.
Sr. M. Virgil Thomas, St. Louis, Mo.	

Sisters of Mercy

Sr. M. Alphonsus Duffy, Webster Groves, Mo.	Sr. M. Pezzi Specking, Webster Groves, Mo.
Sr. M. Immaculata Mooney, Webster Groves, Mo.	

Sisters of the Most Precious Blood

Sr. M. Charlotte Brocker, E. St. Louis, Ill.	Sr. M. Innocentia Kline, St. Louis, Mo.
Sr. M. Sylvana Houser, Wichita, Kansas	Sr. M. Walburgis Peitz, Quincy, Ill.
Sr. M. Eligia Igel, St. Louis, Mo.	Sr. M. Aquina Reichardt, St. Louis, Mo.
Sr. M. Laetitia Kelly, Martinsburg, Mo.	Sr. M. Coletta Tritz

Sisters of Notre Dame

Sr. M. Aventine, Manchester, Mo.	Sr. Mary Herbert, Westphalia, Mo.
Sr. M. Jolindis Bachman, St. Louis, Mo.	Sr. M. Pierre Kimmich, Belleville, Ill.
Sr. M. Juliana Bonn, E. St. Louis, Ill.	Sr. M. Charles Knitzger, St. Louis, Mo.
Sr. M. Consilia Boulanger, St. Louis, Mo.	Sr. M. Catherine Michalowski, St. Louis, Mo.
Sr. M. Paschaline Brown, St. Louis, Mo.	Sr. M. Winifred Merkle, New Athens, Ill.
Sr. M. Reparata Buchholz, Ft. Madison, Iowa	Sr. M. Cyrilla O'Neill, Cairo, Ill.
Sr. M. Paula Buchleim, Burlington, Iowa	Sr. M. Benedetta Robers, St. Louis, Mo.
Sr. M. Margaret Cortona, St. Louis, Mo.	Sr. M. Athanasia Spindler, Nokomis, Ill.
Sr. M. Remilia Dames,	Sr. M. Clara Stadel
Sr. M. Francisca, Highland, Ill.	Sr. Gonzaga Schwitalla, St. Louis, Mo.
Sr. M. Edwardine Hardwig, E. St. Louis, Ill.	Sr. Loyola Schwitalla, St. Louis, Mo.
Sr. M. Leontine Held, St. Louis, Mo.	

Sr. M. Clodovia Sullivan,
Forney, Texas
Sr. M. Remigia Turgeon,
St. Louis, Mo.

Sr. M. Evangela Wagner,
St. Louis, Mo.
Sr. M. Theonilla Witte,
Ft. Madison, IA.

Ursuline Sisters

Sr. M. Teresa Bauss,
St. Louis, Mo.
Sr. M. Mildred Dooling,
Alton, Ill.
Sr. M. Beatrice Dower,
Alton, Ill.

Sr. M. Alphonse Kohne,
St. Louis, Mo.
Sr. M. Clotilde McGinnis,
Alton, Ill.
Sr. M. Anita O'Leary,
Arcadia, Mo.

Sisters of St. Vincent

Sr. Ann Casey,
Keokuk, Iowa
Sr. Gertrude Foley,
Natchez, Miss.
Sr. Mary Glynn, Mobile, Ala.
Sr. Frances Kelly,
Keokuk, Iowa
Sr. Lucertio McIntire,
LaSalle, Ill.

Sr. Martina Murphy,
Keokuk, Iowa
Sr. Celina Seghers,
Keokuk, Iowa
Sr. Cyril Sweeney, LaSalle, Ill.
Sr. Margaret Toomey,
Perryville, Mo.
Sr. Henrietta Whelan,
LaSalle, Ill.

Madames of the Sacred Heart

Mme. Elizabeth Atkinson,
St. Louis, Mo.
Mme. Marie Antoinette Boland,
St. Louis, Mo.
Mme. Mary Helen Cahill,
Cincinnati, Ohio
Mme. Anna Louise Callan,
St. Louis, Mo.
Mme. Gertrude Caraher,
St. Louis, Mo.
Mme. Helen Carroll,
St. Louis, Mo.
Mme. Constantia Cassidy,
St. Louis, Mo.
Mme. Mary Emily Clark,
New Orleans, La.
Mme. Cath. Frances Connolly,
Convent, La.
Mme. Marie Deslattes,
New Orleans, La.
Mme. Marie Pamela Doize,
St. Louis, Mo.

Mme. Virginia C. Dunn,
New Orleans, La.
Mme. Mary Egan,
New Orleans, La.
Mme. Marjory Erskine,
Cincinnati, Ohio
Mme. Jesse Deane Field,
Cincinnati, Ohio
Mme. Marion Madeliene Fagen,
St. Louis, Mo.
Mme. Elizabeth Grace,
Cincinnati, Ohio
Mme. Ann Rachel Gross,
New Orleans, La.
Mme. Dorothy Heffernan,
Cincinnati, Ohio
Mme. Emily Hunt,
St. Charles, Mo.
Mme. Helen M. Hughes,
Grand Coteau, La.
Mme. Marie Kernaghan,
St. Louis, Mo.

Mme. Henriette McKelly, St. Louis, Mo.	Mme. Cora Shaw, Convent, La.
Mme. Ellen Matthews, St. Louis, Mo.	Mme. Louise Soniat, Convent, La.
Mme. Gabrielle Mollman, New Orleans, La.	Mme. Mary Florida Spalding, St. Charles, Mo.
Mme. Mary E. Nolan, St. Louis, Mo.	Mme. Spalding Young, Cincinnati, Ohio
Mme. Gertrude Padberg, St. Louis, Mo.	Mme. Lucille G. Walsh, St. Louis, Mo.
Mme. Mary Rueve, Grand Coteau, La.	Mme. Catherine Warren, Grand Coteau, La.

Summer Session, 1920

An Announcement regarding the Faculty, Courses of Studies, Location, Dates, Hours of Class, Fees and Credits of the Summer Session of 1920 will be issued in pamphlet form in May.

Acknowledgments

The University, like every other private educational institution, is dependent on its friends for every necessary aid in prosecuting and developing its work, and it trusts to their generosity and their zeal for the higher things for help in bringing desired improvements to a successful issue. The President and Faculty wish to express their grateful acknowledgments for the kindly spirit manifested by those who are active in forwarding the interests of the University.

The Trustees of the University gratefully acknowledge the gift of a very handsome Sevres vase with onyx pedestal by the heirs of Mr. M. B. Sadler.

The Trustees render special thanks to

Rev. Alexander F. Mercer, Kahoka, Mo., for 208 vols.

Mrs. Cornelia Carr, Cambridge, Mass., for 144 vols.

Miss Jennie Ward, St. Louis, Mo., for 24 vols.

Rev. Thos. V. O'Reilly, St. Louis, Mo., 50 vols.

We desire also to acknowledge the following donations

To the University Library:

American Telephone & Telegraph Co., 1 vol.

American Red Cross, Bulletins.

American Sugar Refining Co., 1 vol.

American Association for International Conciliation, 1 vol.

Bakewell, Paul, Sr., 2 vols.

Boston: Museum of Fine Arts, monthly bulletins.

Brewers' Association of the United States, 1 vol.

British Honduras, Blue Book.

Bunker Hill Monument Association, 1 vol.

Canada, Department of Mines, publications.

Canada, Royal Society, publications.

Carmelite Convent, St. Louis, Mo., 1 vol.

Carnegie Endowment for International Peace, all the publications.

Carnegie Foundation for the Advancement of Teaching, 2 pamphlets.

Chicago Historical Society, publications.

Chicago, Cook County Comptroller, report.

- Duluth-Superior Traction Co., annual report.
Field Museum of Natural History, publications.
Fly Publishing Co., New York City, 1 vol.
Fusz, Rev. L., S. J., 12 vols.
Garesche, Rev. E. F., S. J., 8 vols.
General Education Board, N. Y. C., publications.
Guaranty Trust Co., N. Y. C., publications.
Harrison, Mrs. Henry, St. Louis, Mo., 4 vols.
Illinois State Historical Society, publications.
Illinois State Historical Library, annual report.
Iowa State University, publications.
Japan Society, N. Y. C., monthly bulletins.
Johnson, Charles H., State Board of Charity, N. Y., report.
Kahn, Otto H., N. Y. C., publications.
Kyoto Imperial University, Japan, reports.
Korean National Association, 1 vol.
Kip, Frederick E., N. Y. C., 2 vols.
Lake Mononk Conference, annual report.
Life Insurance Association, N. Y. C., 1 vol.
Los Angeles City Auditor, report.
Los Angeles, Southern California Academy of Sciences, publications.
McMenamy, Rev. M., 1 vol.
Malone, Mrs. M. F., Dumbrin, Ireland, 12 vols.
Massachusetts State Board of Charity, 1 vol.
Massachusetts Constitutional Convention, 5 vols.
Merchants Exchange, St. Louis, Mo., 1 vol.
Mexico Instituto Geologic, monthly bulletin.
Missouri—Botanical Garden, monthly bulletins.
State University, bulletins.
State Auditor, 1 vol.
New York—State Board of Charity and Correction, 1 vol.
Metropolitan Life Insurance, 1 vol.
National Association of Wholesale Liquor Dealers, 1 vol.
Children's Court, annual report.
Newberry Library, Chicago, Ill., bulletins.
Otten, Rev. B. J., S. J., 2 vols.
Pan-American Union, Washington, D. C., bulletins.
Philippines—Board of Education, annual report.
Marila Weather Bureau, monthly reports.
Pratt Institute Free Library, Brooklyn, N. Y., annual report and monthly bulletins.
Rivet, Antoine R., 2 vols.
Robison, Rev. Wm. F., S. J., 3 vols.
Rochester, N. Y., Bureau of Municipal Research, 1 vol.

- Rockefeller Foundation, N. Y. C., 2 pamphlets.
Royal Society, Canada, publications.
Royal Society, South Africa, publications.
Raddatz, Wm. J., Cleveland, O., 2 vols.
St. Louis, Mo.—City Auditor, 1 vol.
Academy of Sciences, publications.
Art Museum, bulletins.
Board of Education, 1 vol.
Mercantile Library, monthly bulletins.
Public Library, annual report and monthly bulletins.
Weather Bureau, Montrose W. Hayes, daily weather map and monthly summary, many other special favors are hereby gratefully acknowledged.
- Scanlan, Philip, 1 vol.
Shannon, Francis M., 1 vol.
Sellmeyer, Bernard L., S. J., 1 vol.
Southern California Academy of Sciences, monthly bulletins.
Strong, Col. R. P., U. S. A., 1 vol.
Toomey, U. S. A., pamphlets.
Universidad de la Habana, monthly bulletins.
University of Queensland, 1 vol.
University of Sydney, 1 vol.
United States Brewers' Association, 1 vol.
United States Government, publications.
United States—Weather Bureau, Washington, D. C., Monthly Weather Review, daily weather map.
Columbia, Mo., Geo. E. Reeder, official, Climatological Data.
- University Club, N. Y. C., 1 vol.
Uruguay, S. A., Consulado General, 1 vol.
Washington University, St. Louis, Mo., bulletins.
Walton, J. M., Philadelphia, 1 vol.
Wisconsin—Superintendent of Public Property, publications.
Geological and Natural History Survey, publications.

To the Museum:

Budde, Chas. A., Corey, Anthony H., and Punt, Louis J.,—A collection of fossils and rock specimens from the Bad Lands, South Dakota.

O'Reilly, Rev. Thomas V.—A collection of arrow-heads, stone axes and other Indian relics.

Russell, B. J., Port Arthur, Ontario—Skin of speckled trout mounted on birch bark.

Schaaf, Miss E.—Eskimo curios.

Alumni and Student
Organizations

Sodality of the Blessed Virgin Mary

Erected 1835.

Director: Rev. Joseph A. Murphy, S. J.

This society is a branch of an organization existing in almost every part of the world. Its object is the mutual aid and encouragement of its members in works of piety and charity. The exercises consist of weekly meetings, with the recitation of the Office of the Blessed Virgin and an instruction on some phase of Christian life; the monthly reception of the sacraments of penance and Holy Eucharist; and such activities as are compatible with the circumstances of the members.

Collegiate Division

Officers

Jerome Simon	Prefect
R. Murray Cantwell.....	First Assistant Prefect
Claude Heithaus	Second Assistant Prefect
Clyde Brown	Secretary
Thomas J. Tobin.....	Treasurer
William Korfmacher	Sacristan
William Haren.....	Censors.....E. Philpot Curran

J. O'Neill Ryan, Jr.....	} .. Consultants..	{	.....Edwin Sanders
John E. Cantwell, Jr.			.....George McNulty
Hamilton Thornton.....			.....Joseph Hardy

The University Sodality

Moderator: O. J. Kuhnmuench, S. J.

This Society was begun in October, 1914, for the Catholic students of the Post-Graduate Courses. It makes it easy for its members to strive after and to attain that strong manly piety so desirable at the present time. It also affords many excellent means for the perfecting of the thorough Catholic Professional man. Under the auspices of the Sodality a three-days' retreat is given every year for all the Catholic Students of the University.

Officers

James P. Sharon, Medical.....	First Prefect
John P. Lippold, Dental.....	Second Prefect
James E. Higgins, Law.....	Third Prefect

Louis S. Roberts, Med.	} Consultors {	.....Louis E. Miller, Law
Paul W. Ferry, Med.....		.....Jerome Mitchell, Med.
Jos. W. Spreser, Dent.		.....Louis Hitzeman, Med.
R. W. Murphy, Law.....		.....Wm. V. Brennan, Dent.
Cliff. Stuhlmueeller, Med		.....Charles M. Lee, Law
John Moriarity, Dent.....		.....Paul Dent, Law

The Philharmonic Society

Organized 1838.

"The object of this association shall be: First—To conjoin and strengthen the musical interests of the University, and to enable the members to perfect the study of their art. Second—To foster the social relations of the University, and to contribute to the dignity and pleasure of University assemblies.

"Any member of the University is eligible to the association who has a sufficient knowledge of music and a sufficient musical technic to justify his admission into the Orchestra, the Band, the Glee Club, or into any other section which may hereafter be organized."

Alumni Association

Organized Nov. 18, 1869; Reorganized 1888

Its object is "to strengthen the ties which unite the members to each other, and to the Institution at which they were educated." The constitution provides that any graduate or student of the St. Louis University may become a member of the Association, subject to the rules therein specified. Meetings for the purpose of social reunion are held at stated times.

Officers

Mr. Paul Bakewell, Jr.....	President
Mr. Alonzo F. Barr.....	First Vice-President
Mr. John C. Tobin.....	Second Vice-President
Mr. Edward A. Downey.....	Recording Secretary
Mr. Augustine Cervantes.....	Corresponding Secretary
Mr. Joseph J. Reilly, M. D.....	Treasurer
Mr. Benjamin F. Thomas, Jr.....	} Rules Committee
Mr. W. Maffitt Bates.....	
Mr. Chris. J. Muckermann.....	
Mr. Thomas J. Dooley.....	} Scholarship Committee
Mr. Alphonse E. Ganahl.....	
Mr. Chris. J. Kehoe.....	
Rev. Henry A. Hermans, S. J.....	Faculty Delegate

Department of Athletics

Officers

1918

Rev. Henry A. Hermans, S. J.....	President and Treasurer
Hanau W. Loeb, M. D.....	Vice-President
George Bakewell	Secretary

Board of Directors

Fred. L. English	James P. Harper
Alphonse E. Eberle	Francis A. Thornton

Board of Consultors

Rev. Charles H. Cloud, S. J.....	Regent of the School of Medicine
Mr. Paul Bakewell, Sr., LL. D.....	Dean of the Faculty of Law
Rev. Matthew McMenamy, S. J....	Regent of the Institute of Law
George W. Wilson..	Dean of the School of Commerce and Finance
Rev. Joseph L. Davis, S. J.,	

Regent of the School of Commerce and Finance

Charles J. Riley.....	Graduate Manager
Murray Cantwell.....	Student Manager
Charles M. Rademacher.....	Athletic Director

Philalethic Society

Organized 1832.

Moderator: Rev. William I. Bundschuh, S. J.

Its object is to foster a taste for eloquence, history and general literature, and to prepare its members for public speaking. Meetings are held weekly for debates, the discussion of original essays, or other literary exercises.

I Term.

Thomas J. Tobin	President.....	Claude H. Heithaus
Jerome Simon	Secretary.....	Joseph A. Hardy
Corresponding Secretary.....		John E. Cantwell
Edwin C. Sanders.....	Treasurer.....	George A. McNulty
Arthur Skarry	Critic.....	E. Potter Curran
Claude H. Heithaus.... }	Censors	{ Thomas J. Tobin
F. Hamilton Thornton }		{ William F. Korfmacher

II Term.

Students' Library Association

Organized 1855.

Moderator: Mr. J. A. Welfle, S. J.

It administers that section of the University Library which has been applied to the general use of the undergraduates and selected for their special needs. In connection with the Library is a reading room, which affords ample opportunities for acquiring information upon current topics and forming sound opinions upon important questions. Thirty-three leading magazines, reviews and journals, and a valuable collection of works of reference are at the service of the members.

Librarians

Frederick Hausgen
William Korfmacher
Henry Rhode

Ferdinand Keeven
George Prendergast
James Doyle
Roland Connell

“FLEUR DE LIS”

The St. Louis University Newspaper

“The Fleur de Lis” is the twice-a-month newspaper issued by the students of St. Louis University. Its purpose is to stimulate student activity, to record student achievements and student enterprise, to keep alive the interest of alumni in the University in which they were once students, and to serve as a medium between faculty and students. The paper is managed and edited by the students of all the departments under faculty supervision and serves as a class in practical journalism. The chief student officers for the current year are:

Claude Heithaus.....	Managing Editor
O'Neill Ryan, Jr.....	Business Manager

The Acolythical Society

The object of this society is to add to the solemnity of Divine Worship by the accurate observance of its rites and ceremonies, and to afford those students who have the necessary qualifications the honor of serving in the sanctuary.

Officers

John W. Devereux.....	President
John J. O'Brien.....	Secretary
Joseph F. Wich.....	Treasurer
Cletus W. Doyle, James McHenry, Rudolph Christelbauer	Consultors

College Lecture Club

Director : Rev. Bernard A. Foote, S. J.

The Lecture Club is a student organization established a year ago for the purpose of giving illustrated lectures on inspiring Catholic subjects. The members of the club have spared neither pains nor labor in making each lecture interesting as well as historically accurate, in carefully preparing the speakers, and in gathering from all available sources in Europe and America, the best and most attractive illustrations of the subjects chosen for treatment. The lectures are given in Catholic schools, institutions, parish halls and before Catholic organizations.

Academy of Sacred Eloquence

Moderator : Rev. Thomas F. Wallace, S. J.

Special attention to sacred eloquence is given by students of the Philosophical Department who are preparing for the School of Divinity. Each student is required to write a sermon on a given text, and, after its approval, to deliver the same before the Faculty and students. Besides this, weekly meetings are held, at which the students, in regular succession, give brief sermons on assigned texts and render selections from Holy Scripture or Pulpit Oratory. The criticism then given is summed up by the moderator.

Campion English Academy

Moderator : Mr. Paul D. Sullivan, S. J.

This society, organized in 1890, is composed of students of the graduate School of Philosophy and Science. The object of the Academy is to give its members an opportunity for mutual encouragement and criticism, to accustom them to fluent and elegant writing, and to develop literary taste.

The Academy of Philosophy and Science

Moderator: Mr. William F. Houser, S. J.

This Association is composed of students of the Graduate Schools of Philosophy and Science. The object of the Academy is to encourage original research and study; to afford its members an opportunity for the presentation of Philosophic and Scientific thought in a popular and elegant English dress; and in general to promote fluent writing, literary taste, and a cultured scholarship along philosophical and scientific lines.

The Course of Lectures

1919-1920

October 15.....	Mr. J. P. Melchior
Portland Cement Stucco	
October 29.....	Mr. E. A. Barton
Coal-tar Industry in the United States	
November 12.....	Mr. J. A. Noonan
The Psychology of Education	
December 10.....	Mr. W. S. Robb
The Building Stones of the Atom	
January 7.....	Mr. B. C. Zimmerman
Refrigeration	
January 21.....	Mr. T. L. Bouscaren
The Business of Oil-Producing	
February 4.....	Mr. J. P. Bergman
The I. W. W.	
February 18.....	Mr. G. E. Kiley
Some Phenomena of Spiritism	
March 3.....	Mr. B. L. Sellmeyer
Melancholia	
March 24.....	Mr. J. H. Unferfate
The Practical Value of the X-Ray	
April 28.....	Mr. A. J. Diersen
Radioactivity, or the Three Kinds of Rays and Their Effects	

Theological Academy

Moderator: Mr. Thomas Donnelly, S. J.

This society is composed of students of the Divinity School. Meetings are held bi-weekly, at which questions in Dogmatic and Apologetic Theology, in Biblical History and Exegesis are presented and discussed by the members.

1919-1920

October 22.....Rev. T. J. Flaherty
The Essential Rite of Holy Orders

November 5.....Mr. C. H. Metzger
**Sebastian Meurin, S. J.,
Pioneer Priest of St. Louis**

November 19.....Mr. Jas. F. Walsh
**The Divinity of Christ
As Foreshadowed in the Old Testament**

December 17.....Mr. V. V. White
Recent Developments in Spiritism

January 14.....Mr. R. C. McCarthy
Some Biological Aspects of Sociology

January 28.....Mr. J. J. Ryan
The Religious Element in the Irish Question

February 11.....Mr. J. M. Golden
Religious Liberty in the United States

February 25.....Mr. B. A. Neu
The Chinese Rites

March 10.....Mr. T. T. Kane
Privileges of Religious Orders

April 14.....Mr. L. H. Mullany
H. G. Wells as a Religious Teacher

The High Schools And Commercial Department of St. Louis University

The Annual Catalogue, containing the names of Officers and Faculty, the Register of Students, the Course of Studies and information regarding the discipline, method, equipment, expenses, etc., is issued in June of each scholastic year. Classical, Scientific, English and Commercial Courses are offered in the High Schools.

Address:

Rev. William F. Hendrix, S. J., Loyola Hall, Compton and Eads Avenues, St. Louis, Mo.

Rev. Christopher J. Kohne, S. J., St. Louis University.
Grand Avenue and West Pine Boulevard, St. Louis, Mo.

Scholarships

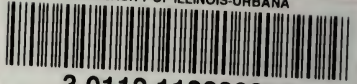
The University offers seven Free Scholarships for the year 1918-1919 to the boys of the Parish schools of the Archdiocese of St. Louis and vicinity. These scholarships will be awarded by competitive examinations to boys of the Eighth Grade. The candidate who passes the best examination will receive a scholarship covering both the High School and College courses; its value is \$720. The six other successful competitors will receive a scholarship in the High School; its value is \$320.

The examinations will be held on

SATURDAY, MAY 8, 1920

at 9 A. M., in the St. Louis University, Grand Avenue and West Pine Boulevard.

UNIVERSITY OF ILLINOIS-URBANA



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